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COLLEGE OF AGRICULTURE · UNIVERSITY OF ILLINOIS

United States Department of Agriculture

Cooperative Extension Work in

AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS



FEB 13 1959

4-H Letter for Local Leaders from State 4-H Staff:

January 12, 1959

District Leaders' Conferences

The theme for the 1959 4-H Leaders' District Conferences and Recognition Banquet will be "Safety in the 4-H Program." O. L. Hogsett, safety specialist, University of Illinois, will be the featured speaker for the morning session. A recognition luncheon will be held at noon. The topic for the afternoon session will be "Using Activities in the 4-H Program."

Plan to start the year right by attending one of the 4-H District Leaders' Conferences. We believe all of you will be interested in strengthening this activity in your club. Contact your farm or home adviser so that a reservation can be made for you. Registration will begin at 9:30 a.m., and the program will end at 3:00 p.m.

The schedule for the conferences follows:

<u>Date</u>	<u>Town</u>	<u>Meeting Place</u>
January 19	Mattoon	Methodist Church 1601 Charleston St.
20	Newton	American Legion Home
21	Greenville	Women's Building
22	Pere Marquette State Park	Pere Marquette Lodge
February 2	Elgin	Blue Moon, 1/2 mile W. Elgin city limits, R. 20
3 or 6	Kankakee	Gold Room, Kankakee Hotel
4	Rockford	Winnebago Co. Farm Bureau 4329 West State St.
5	Moline	LeClaire Hotel
6		
9	Pittsfield	Methodist Church Memorial Hall
10	Macomb	West Student Prince West Jackson Road
11	Galesburg	Hotel Custer
12	Peoria	Jefferson Hotel
16	Danville	Central Christian Church, 1101 N. Vermilion St.
17	Decatur	Masonic Temple 224 W. William St.
18	Bloomington	Student Union Illinois State Normal Univ.

<u>Date</u>	<u>Town</u>	<u>Meeting Place</u>
February 19	Ottawa	Union Hall 3 blocks west of Court House
23	Fairfield	Fairfield Library
24	Harrisburg	Wesley Center Methodist Church
25	Anna	Community Center
26	Nashville	Evangelical Parish Hall

South Dakota Study

Mary Francis Lyle, South Dakota extension worker, studied some of the factors of a 4-H Club that influence members to remain in 4-H work longer. Her conclusions apply equally well to Illinois 4-H Clubs. Perhaps there are some suggestions in these conclusions which you have not thought of or realized before. One solution to increasing membership in 4-H is to hold members in club work longer. Read below what this extension worker found.

1. Boys and girls continue to belong to those 4-H Clubs that provide a variety of activities at the regular meeting of the club, and members are aware of these activities.
2. Boys and girls continue to belong to those 4-H Clubs that have some type of club event in addition to the regular meeting of the club.
3. Boys and girls continue to belong to those 4-H Clubs that provide opportunities for member participation in such activities as demonstrations, judging, recreation, and the like at the regular meetings.
4. Boys and girls continue to belong to those 4-H Clubs that perform certain activities within the community or as part of the county 4-H organization.
5. Boys and girls continue to belong to those 4-H Clubs where members have something to do with the planning and execution of the program within the local club.
6. Boys and girls continue to belong to those 4-H Clubs where members know something about the county 4-H organization and have certain responsibilities in the planning and execution of the county program.
7. Boys and girls continue to belong to those 4-H Clubs where members have some leadership responsibilities not only in the local clubs, but also in the county organization.

Program Planning for 4-H Club Members

The 4-H Club program offers the members of your club many projects, activities, and experiences. These many opportunities require that the club and each club member choose which projects and activities they will undertake. It has been said that 4-H members learn, develop, and grow to the extent in which they participate in activities.

Program planning provides a way for each individual and the club as a whole to select those experiences that will be most valuable in the local situation. Planning provides for thinking through and making choices at least once a year.

Member's Opportunity

The program planning experience itself presents many opportunities to each participating club member:

1. Group participation. All members of the club should have some part in planning the program so that it will become their program. Responsibility for the program on the part of each member helps to assure the success of the program.
2. Evaluate, set goals, and plan. This training helps to develop attitudes that will be valuable to the individual all through life.
3. Make decisions. Program planning helps club members learn the need to make choices and gives them training in doing so.
4. Group loyalty. As in other club endeavors, boys and girls learn to make decisions as a group and to abide by the will of the majority.
5. Self-expression. Program planning is an activity in which all members of the group should have opinions and an opportunity to express them.
6. Learn standards. Program planning encourages club members to set high goals and maintain high standards in striving to reach them.

Leader's Responsibility

You as leaders can help the members of your club recognize and enjoy their opportunities in program planning. Here are some ways in which you can do it:

1. Provide planning opportunity. Your opportunity is to help your members do the planning, rather than do it for them.
2. Set standards. Your members' accomplishments will reflect the standards you help them set. As they plan the details of the club program, you can challenge them to set worthwhile goals.
3. Provide resource material. You can provide members with ideas, county and state programs of activities, bulletins, and lists of movies and speakers. Younger members in particular must look to you for suggestions.
4. Encourage participation of every member of the group in order to make program planning a valuable experience to all.
5. Provide inspiration.

Resources to help you and your club members include local leader training meetings, help from farm advisers and assistants, 4-H Leaders' Guide (4-H19), 4-H Leaders' Handbook (B-448), project manuals, motion pictures, demonstrations, slides, etc.

Two 4-H'ers to Attend 4-H Grain Marketing Clinic and Tour

Two state outstanding 4-H members enrolled in the crops project have been named to attend the 4-H Grain Marketing Clinic and Tour at the Chicago Board of Trade January 13, 14, and 15. They are David Witt, Bowen, Hancock County; and Robert Bolin, Kankakee, Kankakee County.

These two boys will join members from 13 other states in an educational tour of the Chicago Board of Trade, and tours of the city and of industry. During their stay in Chicago, they will hear the Story of the Market and study the operations of a country and terminal elevator, in addition to holding a session of their own.

Chaperon of the group will be Fred L. Haegele, in charge of the 4-H Club grain marketing activity in Illinois.

New Project Unit - Horsemanship

Newest of the project units developed for Illinois 4-H Club members is the horsemanship unit of the horse and pony project.

This unit should be started when the horse or pony is purchased, and in no case later than June 1. It is designed for the member who is interested in learning the art of correct riding as well as the fundamentals of feeding, managing, and training horses or ponies. Continuous records should be kept in the regular 4-H livestock record book, plus the additional supplement for the horsemanship unit.

Requirements for members:

1. One or more horses or ponies for pleasure riding. They may be owned or in a partnership or management agreement.
2. Complete one of the following divisions of the horsemanship unit:
 - a. Beginning horseman - Complete five or more of the tasks from the recommended list.
 - b. Intermediate horseman - Complete 10 of the tasks from the recommended list that have not been previously completed.
 - c. Advanced horseman - Complete 15 of the tasks from the recommended list that have not been previously completed.
3. Have the tasks approved by the leader or committee appointed by your county 4-H committee or extension adviser.
4. Suggested exhibit: Horse or pony mounted or at halter (credit may be given for exhibiting when the horsemanship tasks are completed before the responsible person or committee or at the local 4-H show).

The list of recommended tasks may be found in the Horsemanship Record Supplement (B-472) or 4-H Leaders' Handbook (B-448 Revised, 1958).

Dairy Calf Sale

On February 28 approximately 90 head of registered dairy calves will be sold to FFA and 4-H Club members at the annual sale sponsored by the Illinois Purebred Dairy Cattle Breeders' Association. The sale will begin at 11:00 a.m. in the Stock Pavilion on the University of Illinois campus and will include representative calves from the five major dairy breeds. Your farm adviser has a sale catalog, or you may get one by writing to Professor J. G. Cash, 338 Animal Sciences Laboratory, University of Illinois, Urbana, Illinois.

These calves will be top quality and will provide your members with an ideal opportunity for getting started with the right kind of calf or for adding animals to a project.

NOTE: A few junior yearlings will also be offered in this sale. Rules for the State Fair Junior Department have been changed so that the ownership deadline for junior yearlings is March 1.



Topics Now Timely

1. Attend a District Local Leaders' Conference.
2. Continue the Party-a-Month project.
3. Plan the programs for the coming year.
4. Plan a membership drive.
5. Use the admission ceremony and installation ceremony - 4-H Leaders' Guide - 4-H 19.

Coming Events

February 28 - National 4-H Week
March 7
April 2-4 - Farm and Home Festival - Urbana
July 14 - State 4-H Judging - Urbana
July 27- - State Junior Leadership Conference
August 1 State Memorial Camp
August 14-23- Illinois State Fair

* * * * *

An Ogle County 4-H leader remarked, "A junior leader, a car, and a telephone surely help a 4-H leader."

Recreation Suggestions

Handful Relay - Give the first player in each team 15 clothespins, peanuts, or sticks. At the starting signal he puts all of them on the floor in front of the next person behind him. This player must pick them up and lay them before the next person in the line. Each player must have all the clothespins or other objects in his hands when he passes them. The team that finishes first wins the relay.

Thumb Choice - A player goes out of the room. The group then selects one of three objects that had previously been placed on the floor. The absent player is to identify the object that has been chosen. When he returns, he may pretend to make the right choice among these objects by studying them profoundly, making passes over them, or otherwise distracting the players' attention. In reality he has been observing his partner (whom rest of group know nothing about), who has indicated the position of the object by crossing his right thumb over his

left thumb to indicate the first one, crossing his left thumb over the right one to indicate the third, and placing his thumbs side by side to indicate the center object.

Whirr - Give players paper and pencils and direct them to write all the words they can think of that begin with the letter W and end with the letter R. Score one point for every two words listed.

Bulldog Pull - Two players get down on their hands and knees, and a strap is placed around their heads. A line is drawn between them. At a signal, each tries to pull the other over the line or to force him to lower his head so that the strap will slip off.

Match Removal - Place 12 matches in three groups, the first group containing five matches in a row, the second containing four, the third containing three. Two players alternate in moving the matches from these groups. All of the matches or any number of them may be removed from a group, but matches may not be taken from more than one group at a turn. The purpose of the game is to force one's opponent to take the last match. Score a point for each game won.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
O. F. Gaebe	G. W. Stone
F. L. Haegle	H. J. Wetzel

Extension Specialists
Agricultural 4-H Club Work

January, 1959

Price List of Feeds^{1/}

The prices for many of the feedstuffs 4-H members use in their projects are listed below. This list is meant to be used as the basis of values by all boys obtaining their feed at home. All feed actually purchased should of course be recorded at prices paid.

<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
Corn.	\$ 1.06	per bu.
Corn, ground.	1.13	" "
Oats. . . . .	.60	" "
Oats, ground. . . . .	.67	" "
Barley (feed)	1.03	" "
Barley, ground.	1.10	" "
Sorghum grain	1.75	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.96	" cwt.
Whole milk.	3.95	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	20.00	" "
Cow pea hay) Add \$5 per ton	17.00	" "
Soybean hay) for baled hay.	18.00	" "
Alfalfa hay) and straw.	21.00	" "
Timothy hay)	19.00	" "
Corn stover	11.00	" "
Oat straw	13.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS

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UNIVERSITY OF ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

February 10, 1959

National 4-H Club Week - February 28 to March 7

A SALUTE TO 4-H ALUMNI is the theme of National 4-H Club Week this year. The more than twenty million alumni in the United States attest to the excellent leadership and citizenship training offered by the 4-H Club program. These "graduate" 4-H members represent all walks of life - farming, the ministry, medicine, business, banking, teaching, mechanical work, and hundreds of other vocations. These alumni will be saluted for their tremendous contribution to the support of 4-H Club work.

The aims of the 1959 National 4-H Club Week are:

- To honor 4-H alumni and recognize the important part they play in supporting 4-H Club work.
- To inform the public about 4-H training and its value in building character and developing good citizens.
- To give 4-H members a special opportunity to evaluate past achievements and plan future activities on their farms and in their homes and communities.
- To highlight the 4-H Club program and encourage other young people to enroll.
- To interest more public-spirited, youth-minded citizens in volunteering for service as local club leaders.

National 4-H Club Week provides an opportunity to tell others what your club is doing. The week will be observed by about two and one-quarter million 4-H members in 90,700 local 4-H Clubs throughout the United States. During the past year members completed more than 3,600,000 4-H projects. Through their club programs they acquire a sense of home and community responsibility, habits and attitudes of good citizenship, skills needed for useful and productive work, the ability to apply science to everyday farming and homemaking, a knowledge of the business side of farming, sources of reliable information for solving their problems, the practice of good health principles, the art of getting along with people, happy home living, and congenial family relations.

Illinois has 68,135 4-H members in 3,981 clubs led by 7,270 adult 4-H leaders. In 1958 these boys and girls carried 117,702 projects and had an average state completion of 89.2 percent.

There are at least two big reasons why local clubs should observe National 4-H Club Week:

1. The many special activities and events planned and carried out in observance of National 4-H Club Week have an important and favorable impact on the public.

2. Group effort can do much to improve the local club program by stimulating the interest and participation of both members and their parents.

Every local 4-H Club should have a National 4-H Club Week committee to plan special activities like the following:

1. Work with county extension staff on county-wide programs to observe National 4-H Club Week.
2. Locate as many 4-H alumni in the community as possible, and inventory their accomplishments and interests in 4-H work. They might provide good material for local news stories or serve as sources of help when needed in the 4-H program. You may wish to send each a letter telling of the progress of 4-H work and your interest in them.
3. Have a special meeting for 4-H parents--a mothers' tea or a father-son or father-daughter banquet--or a "This Is Your Life" program for an outstanding parent or alumnus.
4. Alert your members to special radio and TV programs that will occur during this week. Your county farm or home adviser will have information on these events. Plan for the club members to listen to or watch these programs together.
5. Plan 4-H membership drives, rallies, parties, and community clean-up drives. Let your newspapers know about these activities so that they can get stories and pictures.
6. Have special talks, demonstrations, movies, and programs of various kinds in the schools.
7. Plan some special recognition for citizens in the community who have contributed time and money to the 4-H program.
8. Have members distribute 4-H Club posters to local business concerns and schools.
9. Plan with your local newspaper to feature some outstanding or unusual 4-H stories.
10. Plan one or more window exhibits. (See exhibit ideas enclosed in kit sent to your county adviser.)
11. Arrange to have 4-H members give demonstrations to service clubs. Have girls bake a cake or cakes for alumni whose birthdays come during the week, and let them tell their story of what 4-H Club work has meant to them.
12. Have members present their leader with a one- to five-year subscription to National 4-H News as a token of their appreciation.

13. Have copies of National 4-H News put in doctors' and dentists' waiting rooms, hospitals, barbershops, and beauty shops.
14. Arrange a campaign to have a decal with the 4-H emblem placed on the automobiles of all 4-H families, and a campaign to erect "4-H member lives here" and "4-H leader lives here" signs.
15. This might be a good week to have money-making activities, such as pancake suppers, scrap or paper collections, etc.
16. Put a notice in local school, church, or community bulletins about the values of 4-H Club work.
17. Put grace cards with the 4-H emblem on tables of local restaurants and school cafeterias.
18. Present the book, "The 4-H Story," to school and public libraries.
19. Have a 4-H slogan or theme contest. Some examples:
'59 is no time to wait - join 4-H now
4-H members develop into better parents
20. Have all members and leaders make some 4-H (New Year) resolutions:
I resolve to keep better records.
I resolve to help other club members more.
I resolve to attend meetings more regularly.
I will bring a new member to the club.
21. Check all phases of your own club's 4-H program to be sure your progress is sound.
22. Send a letter of thanks to all 4-H parents.
23. Make a special effort to contact award program donors or their representatives in your community. Let award recipients say a special thank-you. Ask them about a tour or open house program in their plants or offices.
24. A 4-H parade is always in order, and especially during National 4-H Week.
25. Put special emphasis on people-to-people programs at this time.

Are You Satisfied With Your Enrollment?

There are hundreds of young boys and girls who are not getting the benefit of the wonderful opportunities for leadership, citizenship, project work, and activities that you leaders offer. Some of you may think that your club is big enough. But remember that you can't do a thing to enrich the lives of these boys and girls who are outside looking in. Encourage them to enroll. Let them have the advantages of 4-H Club work.

There are two ways of increasing enrollment: (1) interest new members and (2) hold members in club work for a longer time.

1. Enroll new members by:

- a. Making a survey of your immediate neighborhood and personally contacting each eligible boy or girl. (Your club members can help--choose up sides for a contest. Remember that those five- and six-year-olds down the road have a habit of growing up fast.)
- b. Showing a special interest in each new project.
- c. Trying to enroll a prospect's friends.
- d. Helping your club officers plan the program to interest all age groups.
- e. Giving special help on specific requirements for projects and activities.
- f. Complimenting a boy or girl on the work he or she has done, no matter how small.
- g. Giving the parents recognition and involving them in the club's program.

2. Hold present members by:

- a. Giving older members a strong voice in planning their programs, but giving them adult counsel.
- b. Using older members for committee and special activity chairmanships.
- c. Encouraging older members to enroll in advanced phases of projects.
- d. Considering the Party-a-Month project to help meet their social needs.
- e. Encouraging older members to attend adult extension meetings.
- f. Letting the County 4-H Federation play an important part.
- g. Scheduling special activities for older members--perhaps two or three clubs going together.
- h. Arranging exchanges of older members with other counties or states.
- i. Making more use of community service activities--such as health, safety, and community improvement.

- j. Using the buddy or big brother or sister system involving older or younger members.
- k. Making effective use of junior leaders.

Also, don't forget the town boys and girls. With the many new projects that have been designed for them (photography, dog care, gardening indoors, baby sitting, bird study), they can be a valuable asset to your club program.

Illinois 4-H enrollment has stayed at about the same level for the past few years. You can help us reach a higher plateau by increasing the enrollment in your club.

Know Your Livestock

Our attention has been called to the fact that some 4-H members know little or nothing about breeding and birth dates and other important information about their livestock. This lack of knowledge has become evident in a number of instances at 4-H shows when judges have asked 4-H members to supply this information.

Such situations present a bad picture of 4-H project work. Whether it is true or not, they may give the judge the impression that the parents have done more work on the 4-H project than the member has. And often the general public gets its main impression of what 4-H work is from what they see in the show ring. For these reasons it is very important that 4-H members know in what month and year their animals were born, what their breeding record is, who the sire and dam are, and other such information. All good livestock men know these important facts about each of their animals. As 4-H leaders we should try to create enough enthusiasm in the 4-H member to make him want to learn these facts. Help your members to avoid embarrassment by stressing this point.

Dairy Calf Sales

1. On Saturday, February 28, about 90 head of registered dairy calves will be offered at the annual sale sponsored by the Illinois Purebred Dairy Breeders Association. The sale will begin at 11:00 a.m. in the Stock Pavilion on the University of Illinois campus, Urbana. Calves may be purchased by bona fide 4-H and FFA members.

2. The Northwestern Illinois Dairy Calf Sale, sponsored by the Northwestern Illinois Purebred Dairy Cattle Breeders, will be held on Saturday, March 21. The sale will begin at 12:00 noon at the County Highway Building in Freeport. About 45 head of registered animals will be sold. Sale catalogs can be obtained from the county farm advisers.

Youth Day - Farm and Home Festival

Saturday, April 4, has been designated as Youth Day at the second University of Illinois Farm and Home Festival. This is a fine opportunity for your club to plan a tour as an outside activity. The theme for 1959 is "Research for Tomorrow." The six exhibit areas will include crops and soils, livestock, mechanization, food industries, family living, and education. Dramatic displays and exhibits will show how research is helping farmers, agricultural business men, and families. In addition to the exhibits, there will be a Town and Country Art Show, Town and Country Talent Show, and a list of top-notch speakers on farm and home topics of current interest.

Exhibits will be open continuously from 9:00 a.m. to 9:00 p.m. on Thursday and Friday, April 2 and 3, and from 9:00 a.m. to 5:00 p.m. on Saturday, April 4. There will be a 4-H exhibit in the big air house that you won't want to miss. The State Rural Youth basketball finals will be played in Huff Gym during the morning and early afternoon on Saturday. Starting at 7:00 p.m. will be the Plow Boy Prom in Huff Gym, to which everyone is invited. Dress for the dance is western style.

Bring a carload of 4-H'ers and visit your College of Agriculture on April 4.

State Fair Information

You may think it's awfully early to be mentioning the Junior Department at the Illinois State Fair. But the things your members do now may determine whether they can attend.

1. Members must be at least 12 years of age to exhibit livestock.
2. Animals and exhibitors should not arrive before Thursday, August 13.
3. Red Polled cattle will be included in the Beef Division and Milking Shorthorns in the Dairy Division.
4. Dorset sheep will be included as a separate division.
5. An All Other Breeds class has been added to the Breeding Swine Division.
6. Yorkshire hogs will have the same number of classes as the other major breeds.
7. Barrows under 160 pounds or over 250 pounds will be ineligible to show.
8. Junior yearling dairy heifers may have an ownership deadline as late as March 1.

Livestock Timely Tips

From time to time we will try to include in the leaders' newsletter some timely management tips that you may pass on to your members.

The slack farm season is often the best time for dehorning cattle, trimming the feet of cattle, treating animals for lice, and removing tusks from boars. Members should have their veterinarian examine dairy cows for mastitis.

Livestock need physical examinations just as much as people do. An annual physical checkup in December or January can pay real dividends, especially in finding a disease like mastitis before it has a chance to spread through the herd. The physical checkup may also uncover nutritional or breeding problems that could cut profits.

To keep poultry and animals in good condition, poultry houses, hog houses and dairy barns should also be well ventilated. Frost on the ceiling of the barn or hen-house is a sign of poor ventilation. Unless corrected, this situation could contribute to pneumonia in livestock.

Beef Cow Feed Requirements - Superintendent R. J. Webb, Dixon Springs Experiment Station, says that a dry beef cow can get the nutrients she needs from fescue pasture; but the day she calves, her requirements go up rather sharply. The day a beef cow calves, her need for dry matter increases nearly one-third. Her need for energy increases over 50 percent and, most of all, her need for protein increases about 75 percent. So fescue pasture will not properly nourish the cow with calf.

Station Ration - Starting two to three weeks before calving, we will be feeding corn silage and a mixed clover and grass hay. The silage will be fed at the rate of 40 to 50 pounds, and the hay at about 10 pounds a day. If the hay is high in clover or if alfalfa or lespedeza hay is fed, the feed requirements of the new mother will be adequately supplied. However, if the hay is mostly grass or is weedy or low in quality, it would be wise to feed one-half to one pound of a protein supplement, such as soybean oil meal.

Increased Consumption - Surprising as it sounds, a beef cow will eat more total pounds of feed after calving than before. Most beef cattle producers will attest to this fact. In the first place, the cow's requirements are higher and her appetite increases. In the second place, following the birth of the calf, the cow just has more room for feed. Just before calving it is often difficult to get over 20 pounds of dry feed into her, but after calving she will clean up 25 to 30 pounds of hay. So, to get bigger calves at weaning and to cut down trouble in the mature herd, we would suggest that you cater to the cow's appetite.

Change of Date

Because of conflicts at the University, it is necessary to change the date of the State 4-H Judging Contest from July 14 to Monday, July 13.



1. Observe National 4-H Week, February 28 to March 7, with:

- a. Window displays
- b. News stories
- c. Radio and T.V. programs
- d. Talks and demonstrations before local groups
- e. Contacting new members

2. Make plans to attend the Farm and Home Festival on April 4.
3. Attend your county leaders' meeting.
4. Enroll new members.

Coming Events

- | | |
|-----------------------|---|
| February 28 - March 7 | - National 4-H Week |
| April 2-4 | - Farm and Home Festival - Urbana |
| April 18 | - Junior Judging and Showmanship School - Coliseum, Illinois State Fair Grounds |
| May 11-15 | - Leisurecraft and Counseling Camp |
| July 13 | - State 4-H Judging - Urbana |
| July 27 - August 1 | - State Junior Leadership Conference |
| August 14-23 | - Illinois State Fair |

Recreation

Balloon Volley Ball -

1. Stretch a string across the middle of a room about 6 1/2 feet from the floor.
2. Divide the group into two teams. Each team choose their side of the room divided by the string.
3. Balloon is blown from one side of net to the other. The side allowing the balloon to touch the floor or players gives the other side a score. Players may use fans instead of blowing.
4. Start game by side serving as in volley ball. Once the balloon is in the air, it may not be touched by players.

Nicknames - After the crowd has gathered, have all form a large circle in the center of the room or, if the crowd is large, a number of smaller circles. Ask each person to give his nickname. If anyone denies having one, let the rest of the group give him one. Everyone is to be called by his nickname for the rest of the evening.

Newspaper Swat - Players all form a circle (do not make circle too large-- it is better to have two small circles rather than one large one). They close their eyes and put their right hands behind them. One person is designated as "It." "It" walks around the circle and places a folded newspaper in the hand of one player. This player immediately starts to swat the player on his right and chases him around the circle until they return to place.

The actions may be repeated as often as possible. "It" takes the place formerly occupied by the person who receives the paper. The person who receives the paper becomes "It."

Find Your Double - Play with any size of crowd anywhere. A whistle is needed, and music for marching is helpful. Have three or more good judges. The object of the game is to keep the crowd mixed by changing partners several times, marching past the judges with each change. Time, 20 minutes.

First ask the boys each to find a partner whose hair matches his in color. Then form a line, and march past the judges two by two to the music. Judges select the couple most alike. Repeat (2) by matching color of eyes, (3) height, (4) weight, and (5) age--within a year or two. (We found a boy and girl whose ages were identical to within an hour.)

Sincerely yours,

G. L. Daigh	F. H. Mynard
O. F. Gaebe	G. W. Stone
F. L. Haegele	H. J. Wetzel

Extension Specialists
Agricultural 4-H Club Work

February, 1959

Price List of Feeds^{1/}

The prices for many of the feedstuffs 4-H members use in their projects are listed below. This list is meant to be used as the basis of values by all boys obtaining their feed at home. All feed actually purchased should of course be recorded at prices paid.

<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
Corn.	\$ 1.05	per bu.
Corn, ground.	1.12	" "
Oats. . . . .	.59	" "
Oats, ground. . . . .	.66	" "
Barley (feed)	1.05	" "
Barley, ground.	1.12	" "
Sorghum grain	1.80	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.85	" cwt.
Whole milk.	3.70	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	20.00	" "
Cow pea hay)		
Add \$5 per ton	17.00	" "
Soybean hay)		
for baled hay.	18.00	" "
Alfalfa hay)		
and straw.	21.00	" "
Timothy hay)	19.00	" "
Corn stover	11.00	" "
Oat straw	13.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

**AGRICULTURE AND HOME ECONOMICS**

URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

LIBRARY OF THE

March 10, 1959

JUL 17 1959

UNIVERSITY OF ILLINOIS

Are You Planning An Extra Tour?

We usually think of club tours as being held in the summer to stimulate project activity and improvement. But tours may also be used in another way--to stimulate activity in 4-H Club work.

There is an excellent opportunity for your club to take an extra tour to the College of Agriculture on the University of Illinois campus April 4. This is Youth Day at the Farm and Home Festival. Your members can see dramatic displays and exhibits on how research is helping farmers, agricultural businessmen, and their families. There will be six exhibit areas using the theme, "Research for Tomorrow." In addition, there will be a Town and Country Talent Show and a list of excellent speakers on Farm and Home topics.

For further information, contact your county farm adviser or consult your February letter from the state 4-H staff. When you arrive, don't forget to register and get a program.

The 4-H exhibit and X-tra Yield corn exhibit will be in the "air house," located in front of the Agricultural Engineering Building. See how your county corn winner ranked, and view the other educational exhibits. Then stop in and get acquainted with the state 4-H staff. We'll be happy to visit with you.

11th Annual Junior Dairy Calf Sale

Sixty-eight head of dairy calves were sold to 64 junior members from 26 Illinois counties at the Annual Junior Dairy Calf Sale sponsored by the Illinois Purebred Dairy Cattle Association February 28 at Urbana. The sale averaged \$202.65. Included for the first time were 13 junior yearling heifers. Over 500 persons attended the sale. The top price was \$490 paid for a Holstein senior yearling calf.

State Junior Judging and Showmanship School

The annual Junior Judging and Showmanship School, sponsored by the Land of Lincoln Purebred Livestock Breeders Association, in cooperation with the University of Illinois Extension Service, will be held on Saturday, April 18, at the Illinois State Fair Grounds in Springfield.

The morning session will begin at 10:00 a.m. with instructions in grooming, fitting, and showing beef, swine, and sheep. After an early lunch, rings of animals will be judged.

This is an excellent opportunity for your members to learn at first hand how to groom, show, and judge livestock. Animal science personnel from the University of Illinois will be the instructors. Plan now to bring a carload.

Annual Leaders' Recreation Workshop

The annual Leisurecraft and Counseling Camp will be held from May 11 through May 16 at the 4-H Memorial Camp, Monticello, Illinois. This camp provides an excellent opportunity for leaders to acquire experience in the many phases of recreation leadership. This year's program will emphasize crafts. Such crafts as leather work, chip carving, woodwork, jewelry making, paper craft, and game boards will be offered. The camp is independently sponsored and self-financed. It is designed to assist 4-H leaders, parents, ministers, scout leaders, and many others. Registration is limited. Contact your county farm adviser for further details.

4-H Ideas

Do you have a unique 4-H idea or activity that works for your club? Would you like to share your idea with others? Write it on a post card and send to 414 Mumford Hall, University of Illinois, Urbana.

Here is an idea from Stephenson County: One of the local papers makes up an information sheet for use by 4-H Club reporters. The sheet contains blanks for the club name, date and time of meeting, place of meeting, and description of program, including names of participants. This makes it convenient for both the newspaper and the club reporter.

Marion County gives green participation ribbons to 4-H members who exhibit on a club tour. This ribbon is good evidence that the member has the exhibit requirement.

In several counties the Health Improvement Association is awarding camping scholarships to members with the best health and safety records.

National Sunday School Week

The theme for 1959 is "Make Every Week Sunday School Week." This all-faiths movement, which will be observed April 13-19, is in its 15th year. Here is an excellent opportunity to emphasize the Heart "H" in 4-H Club work.

This program is sponsored by the Laymen's National Committee, Inc. This group is a non-sectarian corporation founded for the purpose of reawakening religious thinking, conducting a campaign of public education in Bible reading and study, encouraging church, synagogue, and Sunday School attendance, and promoting better understanding among all peoples.

The following educational materials may be ordered from Laymen's National Committee, Inc., 165 West 46th Street, New York 36, New York: youth programs, menu stickers, radio talk, posters, pamphlet of the week's activities, bookmarks, suggestions for window displays.

This would make a good community service activity.

Tips for Leaders on Garden Projects

Here are some ideas that will be helpful to you in guiding 4-H members enrolled in garden projects:

1. Explain garden project requirements early in the year.
2. Members should order seed catalogs. Give a junior leader the responsibility of getting the addresses of seed houses.
3. Have older members give talks on planning the garden and selecting seed.
4. Have members order their seed early.
5. Review talk and demonstration possibilities with members.
Here are a few suggestions:

- Selecting a garden site
- Testing the soil
- Planning the garden for home use
- Preparing the soil
- Applying fertilizer
- Planting the garden
- Transplanting tomatoes
- How to make a hot bed
- How to make a seed flat
- Controlling weeds
- Controlling insects
- Ways to market surplus vegetables
- How to select and display vegetables for the 4-H show
- How to judge vegetables
- Why quality is important in vegetables
- Methods of storing vegetables
- A fall garden

Chick-Brooding Suggestions

Get Ready for Brooding

1. Well before the chicks arrive, clean poultry house and equipment with lye water, a steam cleaner, or high-pressure sprayer. Let dry, and disinfect interior of house thoroughly.
2. Have feeders and waterers filled and brooder temperature at proper level before chicks arrive.

Brooding Temperature

3. Keep brooder temperature at 90 to 95 degrees F. two inches above the litter for the first week. Reduce temperature 5 degrees a week until it reaches about 70 degrees F. A good guide is to regulate the brooder temperature at a level at which chicks appear to be most comfortable.

Brooding Space

4. Allow each chick a minimum of 7 square inches of brooder space under the hover. For electric brooders, as much as 10 square feet may be needed.
5. Where chicks are brooded under individual brooder stoves or units, allow a maximum of 350 replacement chicks per brooder unit and 500 broiler chicks per unit.
6. For chicks reared in confinement, allow a minimum of 1/2 square foot of brooder room floor space per bird through 6 weeks and a minimum of 1 square foot from 7 through 12 weeks.

Feeding and Drinking Equipment

7. Allow the following feeder space per 100 chicks: day old through 2 weeks, 100 linear inches; 3 through 6 weeks, 175 linear inches; 7 through 8 weeks, 300 linear inches.

Provide additional space in warm weather.

8. Allow the following drinking space per 100 chicks: day old through 2 weeks, 20 linear inches or two 1-gallon fountains; 3 through 8 weeks, 40 linear inches or two 3-gallon fountains.

Provide additional space in warm weather.

Management

9. In cold weather, use a solid chick guard around hover to prevent floor drafts and keep chicks from straying. In warm weather, a wire guard may be used.
10. Place guard 2 or 3 feet from edge of hover. Gradually expand it and remove at end of one week.
11. If roosts are to be used later for hens, provide them for replacement chicks at 4 weeks of age. Allow 4 inches of roosting space per chick.
12. Provide at least 2 inches of suitable litter at the start. Sugarcane fiber, shavings, sawdust, crushed corncobs, cottonseed hulls, peanut hulls, peat moss, flax shives, and others may be used when free from injurious materials and reasonably free from dust.
13. Use all-night lights equivalent to 15 watts per 200 square feet of floor space. Lights help to prevent pile-ups.
14. Do not starve chicks--feed them as soon as possible. Sprinkle feed on paper, box lids, or egg flats under hover for first day or two. Use a commercial feed, and follow program outlined by manufacturer. Keep grit available at all times. Fine chick grain is sometimes given for the first two days to prevent "pasting up."
15. Prevent cannibalism by allowing plenty of floor space, reducing temperature rapidly, providing plenty of feeder space, and covering windows to admit only subdued light. Use anti-pick salve if necessary.

Topics Now Timely

1. Bring a carload to the Farm and Home Festival April 4.
2. Hold an enrollment campaign.
3. Send in your 4-H ideas.
4. Plan to bring a carload to the Junior Judging and Showmanship School.
5. Attend your county leader meeting.
6. Call on the parents of your first-year members.
7. Select junior leaders--and use them.

Coming Events

- | | |
|--------------------|--|
| April 2-4 | - Farm and Home Festival - University of Illinois, Urbana |
| April 13-19 | - National Sunday School Week |
| April 18 | - Junior Judging and Showmanship School, Coliseum, Illinois State Fair Grounds |
| May 11-15 | - Leisurecraft and Counseling Camp |
| July 13 | - State 4-H Judging - Urbana |
| July 27 - August 1 | - State Junior Leadership Conference |
| August 14-23 | - Illinois State Fair |

Recreation

Trailing and Hiding - an exciting hunting and trailing race. The trail-making party go in any direction they choose. When their supply of confetti is exhausted, they mark the end of the trail by laying the bag on the ground in plain sight. All players then hide within 100 paces of the bag. The second group race against time to follow the trail to the end and find all of the hidden players. The groups may then exchange places and repeat the race.

Where a trail is laid through a public park or in cultivated sections, it is advisable to mark a small arrow at every turn, on the ground or with chalk. Another plan is to impose upon the second group the handicap of picking up every bit of the trail made by the first group.

Sincerely yours,

G. L. Daigh	F. H. Mynard
O. F. Gaebe	G. W. Stone
F. L. Haegle	H. J. Wetzel

Extension Specialists
Agricultural 4-H Club Work

March, 1959

Price List of Feeds^{1/}

The prices for many of the feedstuffs 4-H members use in their projects are listed below. This list is meant to be used as the basis of values by all boys obtaining their feed at home. All feed actually purchased should of course be recorded at prices paid.

<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
Corn.	\$ 1.07	per bu.
Corn, ground.	1.19	" "
Oats. . . . .	.60	" "
Oats, ground. . . . .	.67	" "
Barley (feed)	1.05	" "
Barley, ground.	1.12	" "
Sorghum grain	1.85	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.75	" cwt.
Whole milk.	3.50	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	22.50	" "
Cow pea hay)		
Add \$5 per ton	18.50	" "
Soybean hay)		
for baled hay.	19.50	" "
Alfalfa hay)		
and straw.	25.00	" "
Timothy hay)	20.00	" "
Corn stover	12.00	" "
Oat straw	14.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

**AGRICULTURE AND HOME ECONOMICS**

URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

LIBRARY NO. THE

April 2, 1959

JUL 17 1959

UNIVERSITY OF ILLINOIS

With the death of Oliver F. Gaebe on March 16, 1959, the 4-H Club program in Illinois lost an outstanding leader and staunch friend. Except for the period he served in the armed forces, he had devoted his entire effort to work with youth. Upon graduating from the University of Illinois in 1930, he became instructor in vocational agriculture at the Salem, Illinois, High School. After distinguished service there, he joined the state agricultural 4-H Club staff in 1936.

Mr. Gaebe was 52 years old at the time of his death. He was born on a farm in Addieville, Washington County, Illinois, where a younger brother still lives. After graduating from Belleville High School, he came to the University of Illinois, where he graduated from the College of Agriculture in 1930. He did graduate work in the Department of Animal Science, receiving his master's degree in 1939. He was on leave for service in the U. S. Army Medical Corps from November 1943 to January 1946. After his release from the Army, he did some additional graduate work at the University of Chicago. While there he started to work on a project in career exploration. He was working on this material at his home just before his death.

In 1938 Mr. Gaebe married Hazel Hemphill, who survives him along with his mother, two sisters, and a brother.

Mr. Gaebe's first work on the state staff was with counties in southern Illinois. He later worked in District I in the northern counties. After the death of E. I. Pilchard in 1956, he was placed in charge of the agricultural 4-H Club work and more recently had been asked to coordinate the entire youth program in the state.

Throughout his many years of service on the state staff, he worked with the poultry project and in recent years had served as chairman of the National 4-H Poultry Development Committee. The Illinois 4-H Foundation was developed under his guidance, and he had served as executive secretary-treasurer of this organization since its beginning. He was responsible for the health activity program for agricultural 4-H Clubs and had helped to complete a new record for this activity.

One of the latest developments in the 4-H program has been the introduction of 4-H Club work in Chicago. Mr. Gaebe was responsible for coordinating this program and was also instrumental in helping to set up the new 4-H program in Park Forest in southern Cook County.

He served as Superintendent of the Junior Feeding Contest of the International Livestock Exposition, was in charge of the Junior Show at the International Dairy Show, and was the Superintendent of the Junior Department of the Illinois State Fair.

The 4-H Junior Leadership Conference is an activity most 4-H members hope to be able to attend. Mr. Gaebe was co-chairman of this conference last year and was preparing for the 1959 event when he died. As coordinator of the program, he was responsible for the Rural Youth activities in the state and served as adviser to the State Rural Youth Committee.

He served on many other committees and groups throughout the state, and the country and was recognized for his ability to organize and carry out the many responsibilities that came his way. Through his many contacts he was known by large numbers of 4-H members, Rural Youth members, and 4-H leaders in the state and across the country. He made a distinct contribution to the development of the 4-H Club program in Illinois. His influence was widely felt throughout the state, and he will be missed by all those who have a sincere interest in the programs for rural young people.

State Junior Showmanship School - April 18, 1959

The State Junior Judging and Showmanship School sponsored by the Land of Lincoln Purebred Livestock Breeders Association in cooperation with the University of Illinois Extension Service and the State Board of Vocational Education will be held on Saturday, April 18, at the Illinois State Fair grounds in Springfield. The school will be held in the Coliseum starting at 10:00 a.m.

Members of the animal science staff, along with a number of outstanding livestock breeders are working hard to make this school possible. Classes will be conducted in the morning in fitting beef, sheep, and swine. Rings of livestock will be judged following lunch. Judging cards will be provided but will not be scored. Since it may be difficult to get lunch, members should bring a sack lunch.

The program is as follows:

10:00 a.m. - General instructions

10:15 a.m. - Instruction in grooming, fitting, and exhibiting

12:00 noon - Lunch

12:45 p.m. - Begin judging rings of livestock

3:00 p.m. -- Official placings and sample reasons

Encourage members from your county to attend. This event will provide excellent training for future judging contests.

Hazard Hunt

Have you made any follow-up on the safety activity since the district 4-H leaders' meetings? You will recall that Mr. O. L. Hogsett, safety specialist, University of Illinois, gave some very thought-provoking ideas on carrying out this

activity. The safety activity is part of the 4-H Hazard Hunt. Your extension adviser has copies for your members and will gladly explain how to carry out the program.

Now is also a good time to begin doing something about a spring clean-up campaign as part of your club's safety program. Mr. Hogsett offers these suggestions:

1. Remove trash and rubbish from attics, closets, and basements.
2. Keep the grounds around your house, barn, and out-buildings free of dead grass, weeds, brush, and old lumber.
3. Dispose of junk, trash, and rubbish in a safe manner.
4. Inspect your electrical wiring system to see that it is in good repair.
5. Keep your home tools, machinery, motors, and appliances serviced and clean.
6. Check and replace all worn or frayed electric cords.
7. Check fire extinguishers to see that they are working properly. (Also know what kind of fire your particular extinguisher is made for and how to use it.)
8. Inspect your heating system and chimney at least once a year.
9. Inspect stairs and steps to see that they are in good repair.
10. Invite your fire chief or insurance inspector to inspect your home periodically to help you spot fire hazards.

One of the main objectives of spring clean-up is to free the busy planting and harvesting seasons from needless and costly accidents.

Correction

The new Baby Sitting Record Book, 4-HL33, is now available and may be ordered in quantities. One slight error has been noticed. The Record of Baby Sitting should be numbered consecutively from 1 through 10 rather than 1, 2, 1, 2, as it is now. Please call this change to the attention of your members.

Project for Nonfarm Members and for Those Attending College

Two of the biggest problems in 4-H enrollment concern boys and girls who do not live on a farm and members who are away from home attending school.

Projects that could be carried by boys and girls in town include Party-a-Month, Handicraft, Photography, Baby Sitting, Electricity, Entomology, Garden, Home Grounds Improvement, Gardening Indoors, Rabbits, Bird Study, Dog Care, Auto Maintenance, Horsemanship, Concrete, and Honey Production.

Members who are away attending school do not need to feel that they must drop out of 4-H work. The established Illinois 4-H policy reads: "A boy or girl may enroll in a 4-H project after entering college, provided he or she can satisfactorily carry out the work of the project." Such members may carry any project

that has a starting date of June 1. They will not be able to continue with breeding stock, since they are not at home to care for the animals. Projects that can be carried include Automotive Maintenance, Electricity, Tractor Care, Honey Production, Entomology, Crops (all), Forestry (first year), Home Grounds Improvement (first year), Gardening Indoors, Potato, Beef Feeding, Mare and Foal, Chick Brooding, other Poultry, Rabbits, Purebred Ewe Lamb, Market Hog Feeding, Horsemanship, Purebred Gilt, Soil Improvement, Wildlife Conservation, and Bird Study.

It is possible for college members to obtain awards by being active in club and county events, serving as junior leaders, and meeting achievement requirements. Awards are generally based on more than one year's work.

4-H X-tra Yield Corn Contest

Harley Doubet, Hanna City, Peoria County, was named winner of the 1958 X-tra Yield Corn Contest. His winning yield was 213.4 bushels.

Winners were announced and prizes awarded at the Annual 4-H X-tra Yield Corn Banquet held during the Farm and Home Festival at the University of Illinois.

District X-tra Yield Contest winners were:

District I	- James Holderman, Jr., Morris.	170.2 bushels
District II	- Harley Doubet, Hanna City	213.4 bushels
District III	- Dick Stone, Decatur	194.9 bushels
District IV	- John Akin, St. Francisville	166.0 bushels
District V	- Marvin J. Will, Equality.	139.1 bushels

The yield contest was judged on the basis of corn grown on a five-acre supervised plot last summer. Yield counted for 60 percent of the contestant's score, costs for 20 percent, and quality for 20 percent. Each district winner received a wrist watch and ribbons, and as first place winner Doubet received a trophy.

The contest was sponsored by the University of Illinois in cooperation with the Illinois Farm Supply Company and its affiliated member companies.

4-H Ideas

Here is a unique idea for roll call from Meade County, South Dakota:

Each member was given a slip of paper with the name of part of a beef animal. At the next meeting as the member's name was called, he or she drew the part on an outline of the animal on a blackboard. This stunt is a good way to learn to identify meat.

Clubs in Shelby County have used parent committees very successfully for a variety of jobs. Oftentimes leaders do not get parent cooperation because they do not ask for it. But this is not true in Shelby county, where parent cooperation is an accepted part of club work.

A local leader from southern Illinois suggests including parents on the program every other meeting.

Leaders' Check List

A new kind of leaders' check list has been set up by Adena Joy, former 4-H Club specialist, University of California. We thought you would like to see how you stack up with the 14 areas Miss Joy proposes in her article published recently in the NATIONAL 4-H NEWS.

- BE DEMOCRATIC - Encourage everyone to have his say in order that a democratic decision may be reached. Imposing your will on others will limit their development.
- DELEGATE RESPONSIBILITY - Let others feel that they have a part in running the club, but be ready to offer assistance if needed. Do not assign a job beyond the ability of the individual. Make a practice of letting members choose their own jobs.
- SHOW AND DEVELOP INTEREST - Express your own enthusiasm and interest. Strive always to discover and develop the particular interest of each member. Try to arouse their desire and ambition. Don't nag!
- SHOW INTEREST IN OTHERS - Let others know what they do and contribute is important. Listen to their opinions; try out their ideas; encourage them to make their own decisions.
- GIVE PRAISE AND RECOGNITION - Give recognition for a job well done. Do not give praise unless it is truly deserved.
- DISCIPLINE PRIVATELY - Do not embarrass anyone by disciplining him before others. A friendly talking-to in private will be far more effective. Never punish the whole group because a few are misbehaving. But encourage the group to develop behavior standards to control their own behavior.
- BE SURE OF YOUR FACTS - This is one of the best ways to increase your confidence and to gain the confidence and respect of others. Remember, also, knowing the facts helps 4-H members to be confident.
- PLAN AHEAD - Planning is the key to success. Know what you are doing and where you are going. Allow plenty of time for planning with your members.
- KEEP SIGHT OF GOALS - Know the goals of your group, and guide the group toward these goals. Discuss goals and their achievement with your members.
- HAVE A POSITIVE ATTITUDE - Make the best of things. Complaining wastes time and energy and causes discord. Be sympathetic, but creative and positive in attitude.

UNDERSTAND OTHERS - Through understanding others and appreciating their point of view, more can be accomplished harmoniously. In any problem situation, strive to understand why young people act as they do.

BE FRIENDLY - People think and act their best in a friendly, relaxed atmosphere. Try to help each person to feel secure and wanted in the group.

BE A MEMBER OF THE GROUP - Do not set yourself apart from the group. It is better to pull than to push. Show young people that you admire and trust them.

SET THE EXAMPLE - Set a good example. Others will tend to follow. Young people desire and cherish adult guidance.

Wildlife Conservation Camp

The annual Wildlife Conservation Camp for 4-H members will be held August 3 to 7 at 4-H Memorial Camp near Monticello. Most counties named their delegates last fall when the 4-H records were judged. Sometimes members who are selected cannot go and there is an opportunity for others to attend. If you have an older member who is interested in wildlife conservation, let your farm adviser know about it.

The campers will study management of timber, farm ponds, upland game and waterfowl management, and insects. Recreational activities will include fishing, fly tying, riflery, and trap shooting as well as the regular crafts and sports available at camp.

Sheep-Raising Tips

Docking and castrating will improve the value and appearance of your lambs at market time. Perform these operations when lambs are one to two weeks old, since healing is most rapid at this age. Sanitation and care are necessary to prevent losses. Clean quarters, clean hands, and the use of antiseptics are safeguards against infection.

Start creep-feeding by the time lambs are two weeks old. Young lambs put on gains with relatively small amounts of feed. Nursing lambs under three months of age may put on 10 pounds of gain with as little as 10 to 15 pounds of feed. Weaned lambs six to eight months old require at least three or four times as much feed per pound of gain. The main advantages of creep-feeding are rapid, economical gains, and additional finish and bloom.

Creep openings should be about 8 inches wide and 15 to 18 inches high. If you have large ewes, larger openings can be safely used. Adjustable openings may be helpful.

Clean feed and water should be offered in the creep. A light in the creep will encourage lambs to eat more frequently. In cold weather a heat lamp will provide light and help to keep the lambs warm.

Creep rations may vary from the simple to the complex. Here are four relatively simple creep rations that you can use:

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Cracked corn	30 lb.	40 lb.	60 lb.	30 lb.
Whole oats	30 lb.	40 lb.	30 lb.	30 lb.
Wheat bran	20 lb.			
Soybean meal	20 lb.	20 lb.	10 lb.	15 lb.
Legume hay	Free choice	Free choice	Free choice	25 lb. (ground)

The cost of rations like these will vary from about \$2.00 to \$2.75 per hundred. Soybean meal is added to the above rations to increase palatability so that lambs will start eating sooner. Variety in a creep ration will increase consumption. Feed a variety if you can do it without much added cost. Reduce the amount of oats, bran, and soybean meal gradually as the lambs grow. (For example, compare rations 1 and 3.)



1. Hold an enrollment campaign.
2. Begin "talking up" camp.
3. Send in your 4-H ideas.
4. Bring a carload to the Junior Judging and Showmanship School.
5. Encourage participation in 4-H Hazard Hunt.
6. Plan outdoor recreation.

Coming Events

- | | |
|--------------------------|--|
| April 13-19 | - National Sunday School Week |
| April 18 | - Junior Judging and Showmanship School, Coliseum, Illinois State Fair Grounds |
| May 11-16 | - Leisurecraft and Counseling Camp |
| July 13 | - State 4-H Judging - Urbana |
| July 27 - August 1 | - State Junior Leadership Conference |
| August 14-23 | - Illinois State Fair |
| September 28 - October 2 | - National Recreation Congress, sponsored by the National Recreation Association with Federal Extension Service, Morrison Hotel, Chicago. 4-H leaders are invited to attend. |

Recreation

A Mystery Hike - A mystery hike is a lot of fun, but requires careful planning and advertising in advance. Leaders carefully chart two or three different routes from the point of departure to the goal of the hike. Directions are carefully hidden at several points on the route which tell in turn where the next directions are to be found.

The crowd is divided into two or three groups and given directions to the place where the next directions will be found. The groups all finally arrive, by different routes, at the same place, where fire, food, and fun are provided.

Sincerely yours,

G. L. Daigh
F. L. Haegle
F. H. Mynard

G. W. Stone
H. J. Wetzel

Extension Specialists
Agricultural 4-H Club Work

April, 1959

Price List of Feeds^{1/}

The prices for many of the feedstuffs 4-H members use in their projects are listed below. This list is meant to be used as the basis of values by all boys obtaining their feed at home. All feed actually purchased should of course be recorded at prices paid.

<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
Corn.	\$ 1.11	per bu.
Corn, ground.	1.18	" "
Oats. . . . .	.62	" "
Oats, ground. . . . .	.69	" "
Barley (feed)	1.10	" "
Barley, ground.	1.17	" "
Sorghum grain	1.90	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.25	" cwt.
Whole milk.	2.50	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	22.50	" "
Cow pea hay) Add \$5 per ton	18.50	" "
Soybean hay) for baled hay.	19.50	" "
Alfalfa hay) and straw.	25.00	" "
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Oat straw	14.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

May 7, 1959

LIBRARY 22 THU

JUL 17 1959

June 1, Latest Enrollment Date

UNIVERSITY OF ILLINOIS

June 1 is the last date for 4-H members to enroll in your club.

There are a number of projects that have June 1 as the latest starting date. Among them are electricity, tractor care, honey production, entomology, garden, crops, trees and woods, flower gardening, potato, bird study, wildlife conservation, baby sitting, photography, handicraft, party-a-month, automotive maintenance, and second year and advanced units of soil improvement. Among the livestock projects are beef feeding, chick brooding, other poultry projects, rabbits, purebred ewe lamb, market hog feeding, purebred gilt, mare and foal, and horsemanship.

With such a wide variety of projects still available, there are probably a number of boys and girls in your community who would like to join the club you lead. Why not give them that opportunity?

Have you checked this year's enrollment against last year's? There may be a few members who need to be reminded of the June 1 deadline.

Local 4-H Club Enrollment Summary

Within the next month you 4-H leaders will be receiving, from the county extension office, a white form titled "Local 4-H Club Enrollment and Completion Summary." This form will in most cases be filled out in the county extension office from the orange enrollment cards sent in by your members. It is your duty as a 4-H leader to check this form very carefully and return it to the county office by the required deadline. The advisers need this information to fill out the state 4-H report. Your county adviser will greatly appreciate your cooperation. Below are some suggestions that may be helpful in checking your form. Only the first check is to be made at this time.

Page 1. See that the names of leaders and junior leaders and addresses are correct and that all leaders and junior leaders are included. Always write the names of leaders in the same way each year. Give complete information about each leader. Remember to report the number of members enrolled and the number of meetings for which programs have been planned.

After completing the first check, sign your name (or have one of the other leaders sign) on the line "approved by" in the middle of the page.

Pages 2-3. Check carefully to see that members' and parents' names are spelled correctly and that addresses are correct. Be sure to list the office held in column 3 for those members holding office.

NOTE: This will be your last chance to cross out names of members who have dropped out or add names of members not already listed.

Column 5 - How old will the member be by July 1? This is the age you should record here. Do not list any member whose age is below 10 or over 20 years.

Column 6 - List the grade the member is in this year.

Column 7 - Years in club work should be calendar years. Example: A girl is in a home economics club three years and then joins both a home economics club and an agricultural club. This girl has been a 4-H member a total of four years. (Some counties may instruct you differently. Check with your adviser.)

Column 8 - A member lives on a farm if his family farms for a living; in a city if the population is over 2,500; elsewhere if the population of the town is less than 2,500 or if the family lives in the country but is not engaged in farming.

Column 9 - Give unit, such as purebred heifer, Unit A tractor, chick brooding, mare and foal, etc., plus breed if animals are purebred.

Columns 10 through 17 --Fill in these columns when the form is returned to you for the second check sometime in late August or early September.

New Health Activity Record Book

An attractive, useful health record book has made its appearance in Illinois 4-H Club literature. Its title and number are "Illinois 4-H Health Record Book for Better Living," 4-H132. You can get it from your extension adviser. It covers a member's medical history, including the medical history of his family, for a 10-year period. It also includes a section on dental record, food record, first aid report sheet, and keeping-fit report sheet.

This 4-H health record book will enable a member to tell how well he is keeping his pledge to better living. If he keeps a complete record, he will find this book to be one of his most valuable possessions. It will be especially useful to his doctor whenever he has to diagnose and treat ailments.

Health is too important to neglect. The 4-H Club health program consists of having a health check or physical examination and a dental examination and taking part in a health activity. Some of these activities are first aid, keeping fit, personal health improvement, and club or community health improvement.

If the Health "H" is as important as the other three "H's", then your members should be spending more time on this activity. Most people do not think much about their health until they have lost it.

Will Your Club Be an Achievement Club?

There are five requirements that each club should strive to fulfill in order to meet the rating for achievement club. Members in every club in Illinois

should be working to attain this distinction. Upon proper certification that the requirements have been met, the club will receive a gold seal to place on the club charter. Members of many clubs throughout Illinois are proud of the row of gold seals around their club charter. Will your club reach this goal in 1959? Here are the requirements for achievement rating:

1. Hold at least six regular meetings during the year.
2. Hold an achievement program.
3. Do one of the following:
 - a. Put on a demonstration at a public meeting or achievement program.
 - b. Have some members take part in a judging activity.
4. Make an exhibit of each member's work.
5. Be sure that at least 75 percent of your members receive achievement recognition.

Will Your Members Meet the Achievement Rating?

The first goal of every 4-H member should be to earn an achievement rating. Do your members know that they are expected to do these five things to receive this honor?

1. Carry at least one project.
2. Attend at least two-thirds of the local club meetings after they enroll.
3. Complete and turn in their record books.
4. Give a talk or demonstration at some meeting of the local club.
5. Make an exhibit representative of their projects or, in unusual circumstances, have their projects inspected.

LEADERS (Anonymous)

Some leaders lead too far ahead,
High-visioned, unafraid;
Yet, ages after they are dead,
We tread the paths they made.

And some seem not to lead at all,
Slow moving on the way,
Yet help the weary feet and small
Of those who else would stray.

Some leaders lead too far behind,
Nor seem to keep the track,
Yet they bring on the deaf and blind
Who else would hold us back.

Lead on, O leaders of the race!
Your work is long and wide;
We need your help in every place--
Before, behind, beside.

4-H Camping Season Is Here

Will some of your members be attending one of the 4-H camps this summer? Camping experience can be one of the most outstanding benefits a member can obtain during his club career. Through it he learns to live with his fellow club members. He has the opportunity to work, play, and rest in the great out-of-doors. Each new day is packed with new ventures and experiences.

Your club members could help to send several representatives to camp each year by providing camp scholarships. Perhaps a scholarship could be an award for a special contest conducted by the club. At any rate, encourage your members to

attend the 4-H camp that serves your county. The time, effort, and interest they invest in this activity will be well rewarded.

Be sure to inform the parents of your club members that their boys and girls will be in good hands all week. The permanent camp staff is carefully picked and must provide several references before being hired. In addition, there is an adult counselor for every ten members attending camp, and a camp nurse is on duty at all times.



Topics Now Timely

1. Encourage members to attend a 4-H camp.
2. Encourage members to fill out the new health record book.
3. Check to be sure each member has an enrollment card in by June 1.
4. Plan a spring tour.
5. Check the club achievement requirements.

4-H Ideas

Marion County 4-H Clubs are renting ground to raise soybeans. The returns will be applied toward their county camping goal.

A good safety promotion activity being carried out by the Jersey County 4-H Federation is the sale of fire extinguishers.

The Clark County 4-H Leaders' Association sponsors and carries out a barbecue each year. These leaders have done many worthwhile things with the money from these barbecues. One of the most worthy is to provide a \$200 college scholarship to an outstanding 4-H member from Clark County.

Showmanship School

Thirteen hundred 4-H members, FFA members, parents, and leaders assembled at the Coliseum on the State Fair Grounds, Springfield, Illinois, for the third Annual Judging, Showmanship, and Fitting School. The school is sponsored by the Illinois Land of Lincoln Purebred Breeders' Association in cooperation with the University of Illinois Extension Service and the Illinois Board of Vocational Education. The school emphasizes proper fitting and showing in the morning sessions and judging in the afternoon sessions.

Coming Events

May 3-9. National Youth Fitness Week
May 11-16. Leisurecraft and Counseling Camp - Memorial 4-H
Camp near Monticello

June 4. 4-H Lamb Marketing Day - National Stock Yards
July 13 State 4-H Judging - Urbana
July 27 - August 1. . . . State Junior Leadership Conference
August 3-7. Wildlife Conservation Camp
August 14-23. Illinois State Fair
September 28 - October 2. National Recreation Congress - Morrison Hotel,
Chicago - 4-H leaders are urged to attend.

Recreation Suggestions

Bringing Home the Bacon - Divide the crowd into four convenient tribes, such as Omaha, Hopi, Osage, and Zuni, and appoint a chief for each. All members of tribes are stationed at 15- or 20-foot intervals in a large circle completely surrounding the camp. Give each one of two or three "scouts" from each tribe a large square package to represent "bacon," and have them go outside the circle.

The object of the game is for the scouts to creep past the guards and bring the bacon to the big chief at the central fire. Any player capturing a scout with the bacon wins 100 points for his tribe. If any of the scouts succeeds in creeping through the line and reaching the fire, it counts 100 points for his tribe. Adopt other rules as needed.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
R. O. Lyon	G. W. Stone
F. L. Haegele	H. J. Wetzel

Extension Specialists
Agricultural 4-H Club Work

May, 1959

Price List of Feeds^{1/}

The prices for many of the feedstuffs 4-H members use in their projects are listed below. This list is meant to be used as the basis of values by all boys obtaining their feed at home. All feed actually purchased should of course be recorded at prices paid.

<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
Corn.	\$ 1.17	per bu.
Corn, ground.	1.25	" "
Oats. . . . .	.60	" "
Oats, ground. . . . .	.67	" "
Barley (feed)	1.12	" "
Barley, ground.	1.19	" "
Sorghum grain	1.95	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.25	" cwt.
Whole milk.	2.50	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay }	22.50	" "
Cow pea hay }	18.50	" "
Soybean hay }	19.50	" "
Alfalfa hay }	25.00	" "
Timothy hay }	20.00	" "
Corn stover	12.00	" "
Oat straw	14.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

Pasture Rates*

Calver and colts, 6 to 12 months old, 6¢ per head per day
 " " , 12 to 24 " " 8¢ per head per day
 Cattle, 24 months and older, 13¢ per head per day
 Pigs, 50 to 100 pounds, 1¢ per head per day
 Pigs, 100 to 150 pounds, 1¢ per head per day
 Lambs up to weaning, 1¢ per head per day
 Sheep or lambs after weaning, 2½¢ per head per day

*For cattle or calves on full feed, reduce rates by 2/3;
 for limited feed, by 1/3.



AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

June 12, 1959

LIBRARY NO. 1212

JUL 17 1959

R. O. Lyon - New State 4-H Leader

UNIVERSITY OF ILLINOIS

Mr. Richard O. Lyon has been named state leader in charge of Illinois 4-H Club and Rural Youth work. Mr. Lyon has had fourteen years of experience on the 4-H and Rural Youth staff and is well qualified to assume the responsibilities of state leader. He worked with advisers and leaders in southern and western Illinois as a district 4-H supervisor. Before his appointment as state 4-H leader, he served as administrative assistant for the Cooperative Extension Service in Agriculture and Home Economics for approximately one year.

The new state leader graduated from the University of Illinois in Agriculture and recently obtained his Master's Degree in Extension Administration from the University of Wisconsin. The Illinois 4-H program should continue to make great strides forward under the guidance of Mr. Lyon.

What Is Character?

In a home, it is kindness;
 In business, it is honesty;
 In society, it is courtesy;
 In work, it is thoroughness;
 In play, it is fairness.
 Toward the fortunate, it is congratulations;
 Toward the unfortunate, it is sympathy;
 Toward the weak, it is help;
 Toward the strong, it is trust;
 Toward the penitent, it is forgiveness;
 And toward God, it is reverence and love. .

(The above quotation is posted on the wall in the Chicago Kiwanis Boys' Club at 2252 North Sheffield.)

Land of Lincoln Certification

All members exhibiting steers and barrows in the Land of Lincoln Classes in the Junior Department at the Illinois State Fair must have a green CERTIFICATE OF BREEDING properly filled out and signed by a representative of the breed association concerned. The certificate should be sent to the association's home office. To avoid disappointment at Fair time, be sure your members send these certificates to the breed association early. Get the certificates from the county extension office.

Club Tours

As Fair time approaches, many 4-H Clubs will be holding club tours. In fact, some clubs hold two tours - one at the beginning of the year and another at Fair time - to see the progress made by the members. A club tour is a good way to get the interest of parents. Many clubs have a picnic dinner at noon on someone's lawn and possibly play games or swim in a local pool or pond afterwards.

A tour should be a teaching device as well as a fun activity for the members. How frustrating it is to rush, rush, rush from one farm to another with little thought other than seeing Johnny's calf in the barn lot and then hurrying on to another member's farm! In many cases this tour will be the only chance the member will have to show his project. If so, he should have an opportunity to exhibit his animal, insect collection, vegetables, etc., just as if he were exhibiting at the county 4-H show.

Tours give members an excellent opportunity to put on demonstrations with their own projects. Allow plenty of time for demonstrations. They are the best known teaching device. Here are some tips to help you have a good tour:

1. Set the date early and allow plenty of time at each stop, including demonstrations. It may be best not to stop at the farm of every member. Select representative farms ahead of time.
2. Include such educational activities as the following:
 - a. Have record books checked by a committee, and report their findings after the tour.
 - b. Emphasize record-keeping by guessing weights of calves, pigs, grain, etc.
 - c. Emphasize judging.
 - d. Use demonstrations.
3. Take slides and black-and-white pictures.
4. Have the tour at a time when farmers are not too busy working.
5. Invite parents, extension advisers, neighbors, and prospective members.
6. Include a picnic and games.
7. Drive carefully.

Fitting and Showmanship Leaflets

Two fitting and showmanship leaflets have been prepared by the 4-H staff. One is "Techniques of Fitting and Showing Livestock" (B-481), and the other is "Techniques of Fitting and Showing Dairy Animals" (B-482). Your extension adviser can order as many of these leaflets as you need.



1. Encourage members to attend a 4-H camp.
2. Plan your staff tour now.
3. Remind members about 4-H achievement requirements.
4. Try a discussion group for a change.
5. Encourage members to take part in activities.

Coming Events

July 13.....	State 4-H Judging - Urbana
July 27 - August 1.....	State Leadership Conference
August 3 - 7.....	Wildlife Conservation Camp
August 14 - 23.....	Illinois State Fair
September 28 - October 2..	National Recreation Congress - Morrison Hotel, Chicago - 4-H leaders are urged to attend.

Discussion Topics for Your Club

Have you ever tried a discussion session in your club as a change from the routine of the club meeting? By using everyday topics with which 4-H members are familiar, you can open up a vast horizon of wonders to your members. With the hurry and bustle of American life, it is amazing the number of things we all take for granted. A good, lively discussion could slow your club members down long enough to make them appreciate the wonders of nature. Below are some suggestions obtained from West Virginia TREASURES OF THE TRAIL that may give you some ideas. Next month we will add others.

TREES - Suppose you should decide upon the topic of TREES. You could direct the discussion of your club members to these phases:

1. Favorite tree - white oak, tulip, poplar, elm, etc.
2. Uses of trees - fruit, lumber, chemicals, clothing, recreation, shade, cooling the atmosphere, preventing erosion and floods.
3. Different kinds - some 650 trees grow within the borders of our nation.
4. World's 9 most important trees. These were listed by H. E. Clepper, ex-secretary of the Society of American Foresters, as (and you'll be surprised) date palm, coconut palm, almond, apple, mulberry, olive, lemon, cinchona, rubber.

5. You might take a particular tree, such as the apple, which everyone knows a little about. The sky could be the limit in the discussion. Here we go:

IN THE SPRING -

The apple is a white tree with large clusters of flowers - short-stemmed bouquets.

IN THE FALL -

It is a green tree, with apples of red and gold.

6. The buds - two kinds, leaf and flower.
7. Flower - look it over, talk about its makeup. It has a round white face and a yellow center. There will be the petals, the sepals, the stamens, the pistil.

Maybe the petals attract the bees, so necessary in pollination. No pollination, no apples. Bees work for nectar, but in working they pollinate. How important!

The stamens bear pollen. What is pollen?

The pistil. It catches the pollen. It holds the seed, etc.

8. The leaves. Every leaf is a food factory. It uses the the water brought up from the soil and the carbon dioxide from the air. Because of the leaves, the tree grows. So does the fruit.
9. Two famous apples:
 - a. Grimes Golden: The original tree grew on a hillside near Wellsburg, Brooke County, West Virginia. A monument has been erected to this tree (no longer standing.)
 - b. Golden Delicious. The original tree stands on a Clay County hillside in West Virginia.

These two are the world's best and most popular yellow apples. Millions of trees have resulted from the discovery of these apple trees.

10. Stories - there are many in legend and true form (Johnny Appleseed for example).
11. Other materials - you will be able to cite other stories, such as THE APPLES OF HESPERIDES. And, too, there are many poems that could be a part of the apple tree discussion.

Your 4-H Club members will doubtless have stories of their own about favorite apple trees at home. They will know about harvest time and storage and sale of apples, as well as many other things connected with the apple.

4-H Ideas

Winnebago County clubs have club program booklets sponsored by cooperatives in the county. The booklets contain 4-H creed, pledge, motto, goals, a place for names of officers, club roll, committees, county-wide and state-wide activities, program for each meeting, and score cards for project honor member and outstanding member. Each 4-H family receives a booklet.

A 4-H Club in Clay County is using parents by having one of them appear on the program each meeting. The parent on last month's program spoke on WHAT PARENTS CAN DO TO HELP 4-H.

Montgomery County Federation members showed their leadership ability by sponsoring and carrying out a recreation training school. A committee of five delegates planned and prepared a 45-minute program explaining why we have recreation in 4-H Clubs, what characteristics social recreation leaders should have, and how to plan recreation for a club meeting. Delegates then divided into five groups, and each group selected a different type of game. The games were then explained to the other groups and played by all.

Recreation Suggestions

Flashlight Hunting - Players divide into two teams on opposite sides of a road running through woods or a grassy field. Several guards on each side are armed with flashlights. They lie in hidden positions and attempt to "spot" any of the opponents.

The object is for the players to attempt to crawl across the road and try to get into the opposite territory without being detected. When anyone is spotted coming across, he is chased until caught or until he retreats safely to his own side. Any player who is caught is out of the game. The side having the most players in the opposite territory at the end of the game is the winner.

Tip Cat - Players divide into two equal sides of any number. Two sticks are made from a broomstick or other round pole. One, called a "cat," is about six inches long and tapered to a point at one end; the other should be about 18 inches long, a convenient length to be used for a bat. The "cat" is placed on the edge of a flat rock, plank, sidewalk, or porch with the pointed end projecting out. A player hits the point with his bat, causing the "cat" to fly up several inches. While it is in the air, he tries to hit it with his bat and send it as far from the rock as possible. When it lands, he measures the distance from the rock to it and his bat, and scores the number of stick-lengths he has made. Each player has three chances to score before another takes his place.

If a player fails to hit the "cat" after tipping it off, that counts as a strike, as in baseball. Three failures end his turn. In scoring, half or more of a stick-length may be counted as a whole point.

Pom-Pom Pullaway - Two parallel bases are marked at opposite ends of the yard (50 to 150 feet apart). The players stand behind one of the bases. A player in the center is "It." The player who is "It" calls out, "Pom-Pom Pullaway, any way to get away," at which signal all of the players must run from one base, across the clear space to the opposite base, while "It" attempts to tag one or more runners. (When boys alone play, "It" must pound them three times on the back.)

All who are tagged remain in the center and help catch the other players. When all are caught, the game starts over, the first one caught becoming "It" for the next game.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
R. O. Lyon	G. W. Stone
F. L. Haegle	H. J. Wetzel

Extension Specialists
Agricultural 4-H Club Work

Price List of Garden Vegetables

by Norman Oebker, Associate Professor of Horticulture

The following list of suggested prices of vegetables was prepared by Norman Oebker, vegetable gardening specialist. The list should be useful to leaders and members who wish to place a standard value on the products from the 4-H Club garden project used by the family. These are season average prices. When vegetables are sold, members should use prices received.

<u>Product</u>	<u>Unit</u>	<u>Price</u>
1. Spinach	Peck	\$.50
2. Leaf lettuce	Pound	.10
3. Green onions	Bunch of 8-12	.10
4. Peas	Pound in pod	.10
5. Radishes	Bunch	.10
6. Asparagus	Pound bunch	.20
7. Rhubarb	Pound	.06
8. Cabbage	Pound	.03
9. Cauliflower	Pound	.10
10. Broccoli	Pound	.10
11. Beets	Bunch of 6-8	.10
12. Carrots	Bunch of 6-8	.10
13. Green beans	Pound	.10
14. Sweet corn	Dozen ears	.40
15. Early potatoes	Peck	.80
16. Tomatoes (wide range)	Peck	1.00
17. Peppers	Peck	.60
18. Eggplant	Individual fruits	.20
19. Muskmelons	Individual fruits	.20
20. Watermelon	Pound	.03
21. Summer squash	Pound	.03
22. Sweet potatoes	Peck	1.50
23. Pumpkins and squash	Pound	.02
24. Lima beans	Peck in pod	.60
25. Dry onions	Pound	.03
26. Parsnips	Peck	.35
27. Turnips, early	Bunch of 4-5	.05
28. Turnips, late	Peck	.50

June, 1959

Price List of Feeds^{1/}

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<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
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Oats.58	" "
Oats, ground.65	" "
Barley (feed)	1.10	" "
Barley, ground.	1.17	" "
Sorghum grain	1.95	" cwt.
Garbage and kitchen waste	8.50	" ton
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Whole milk.	2.50	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	22.50	" "
Cow pea hay) Add \$5 per ton	18.50	" "
Soybean hay) for baled hay.	19.50	" "
Alfalfa hay) and straw.	25.00	" "
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Oat straw	14.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

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Calver and colts, 6 to 12 months old, 6¢ per head per day
 " " " 12 to 24 " " 8¢ per head per day
 Cattle, 24 months and older, 13¢ per head per day
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 Lambs up to weaning, 1¢ per head per day
 Sheep or lambs after weaning, 2½¢ per head per day

*For cattle or calves on full feed, reduce rates by 2/3;
 for limited feed, by 1/3.

AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

July 17, 1959

O. F. Gaebe Memorial

Several contributions have been received for a memorial to O. F. Gaebe. A special fund has been set up in the Illinois 4-H Foundation. Any individual or group wishing to contribute to this fund may send contributions to R. O. Lyon, Executive Secretary, Illinois 4-H Foundation, 412 Mumford Hall, Urbana, Illinois. The exact nature of the memorial is to be determined later.

New Treasurer's Book

A record book for treasurers of Illinois 4-H Clubs (4-H136) has been prepared by F. L. Haegeler, 4-H specialist, and is now ready for distribution. This four-page booklet has space for a club inventory, record of club finances, and balance for the club year. It is an attractive 8½ x 11, three-hole-punched publication and may be secured from your local extension adviser's office.

Keep Records Up to Date

How discouraging it is to lose good 4-H members because of their distaste for filling out record books. "Do it now" is the one rule that will keep your members from getting behind and keep them interested. The sooner we begin to help members learn to keep accurate and up-to-date records, the better they will like club work - and the easier your job will be.

Put your junior leaders to work by having them check record books and help members who are having difficulties. Remind your members that they must keep a record of projects and activities in order to become achievement members. Be sure to have them fill out the activity section in each of their project books.

Now is the time to bring records up to date. The county extension office will be calling for them early in September.

Don't Let Your Members Neglect Their Projects Now

Many leaders say that July and August are the months when their members become discouraged with their projects and want to drop out of 4-H work. A pat on the back for the discouraged member - often a youngster who has done the best he can with what he had to work with - is very important. At this season, when a member sees that Billie's calf is fatter than his, he is likely to become discouraged. If you can get your members over this hump, you not only will make achievement members out of them, but will teach them perseverance and the ability to stick with the job.

Purebred Sheep Sale - July 18

The Illinois Purebred Sheep Breeders Association is again sponsoring a Purebred Sheep Sale on July 18 in the Stock Pavilion at the University of Illinois. A total of 95 head will be offered from nine breeds: Cheviot, Corriedale, Hampshire, Rambouillet, Shropshire, Southdown, Suffolk, Dorset, and Oxford.

Bona fide 4-H and FFA members may receive a 10 percent discount. There will be a show starting at 9:30 a.m. DST. The sale will begin at 1:00 p.m. DST. This is an excellent opportunity for members to add to their flocks or for new members to obtain good foundation animals for next year's project. H. G. Russell, Dick Carlisle, Don Walker, and Terry Greathouse, livestock extension specialists, will be on hand to help members make their selections.

Poultry Educational Exhibit

Members with poultry or foods projects in which poultry or eggs are produced or used are eligible to make an educational exhibit in the Junior Department of the Illinois State Fair. In the past class placings with very substantial premiums have been passed up because of a lack of interest.

The purpose of the poultry exhibit is to show a good quality program for eggs from producer to consumer. Judging will be based on the best over-all quality story, the artistic value, and the sales appeal of the exhibit. Space provided for each exhibit is a 6' x 6' back wall with 6' x 4' floor space in front of it.

Encourage your members or a group of members carrying poultry projects to prepare an exhibit. Contact your county extension adviser for a Fair catalog and further suggestions.

Welcome to the State Fair

There will be plenty of activity in the Junior Department at the Illinois State Fair starting Friday, August 14, and continuing through Friday noon, August 21. The agricultural activities will be centered around the show ring of the Junior Livestock Building and the demonstration program in the exhibit tent. If you or any of your members attend the Fair, be sure to visit these two centers, as well as the livestock and home economics exhibits.

Following is a brief summary of the activities and exhibits at the State Fair. Your county extension office has a supply of Fair catalogs that will give more detailed information.

1. Junior Tractor Operators' Contest - Preliminaries start at 11:00 a.m. Thursday, August 20. Finals at 10:00 a.m. Friday, August 21. Only winners of county contests are eligible to compete.
2. Electricity, welding, vegetable, handicraft, photography, and entomology exhibits - Agricultural exhibit tent near the Junior Department.

Note: Handicraft - Each county or school may enter one exhibit of one article in each of the five classes.

Note: Photography - Each exhibit should display five pictures on heavy white poster board, size $16\frac{1}{2}$ x 14. No titles. Place name and county on the back.

3. Agricultural Demonstrations - Each county is limited to two demonstrations. These are usually selected at a county demonstration contest. Demonstrations must be based on a topic pertaining to a project or activity in which the members are enrolled this year. The demonstrations in which there are special awards, or in which the top demonstration is eligible to represent Illinois in a national contest, are soil conservation, dairy, livestock conservation, and vegetable. Demonstrations will be given as follows:

Group I - Saturday, August 15
Group II - Monday, August 17
Group III - Tuesday, August 18
Group IV - Wednesday, August 19
Group V - Thursday, August 20
Group VI - Friday, August 21

4. Public Speaking - Contest begins at 9:00 a.m. DST in Junior Department Auditorium.

Group I - Saturday, August 15
Group II - Monday, August 17
Group III - Tuesday, August 18
Group IV - Wednesday, August 19
Group V - Thursday, August 20
Group VI - Friday, August 21

5. Share-the Fun - Would you like to hear some of the best entertainment on the Fair Grounds - and all for free? Then plan to enjoy at least one evening of the State Share-the-Fun Festivals. They will take place at the Junior Home Economics Building Auditorium. During the Fair there will be six evenings of entertainment - sixteen acts and two MCs each night.

You leaders who have helped make the Share-the-Fun Festivals such an outstanding success are to be congratulated for the fine job you are doing. A definite improvement in quality can be seen each year. Here is the State Share-the-Fun Festival schedule at the State Fair:

Group I - Friday, August 14
Group II - Saturday, August 15
Group III - Monday, August 17
Group IV - Tuesday, August 18
Group V - Wednesday, August 19
Group VI - Thursday, August 20

Note: See your extension adviser or the Fair catalog to find out what group your county is in.

Sheep Classes Added to 1959 International

A new class for 4-H boys and girls has been added to the 1959 International Livestock Exposition this year. It will be known as the Junior Quality Lamb Contest and will consist of two classes of market lambs - 85 to 105 pounds and 106 to 125 pounds. Carcasses from these two classes will be judged after slaughter.

Exhibition will be limited to an entry of two lambs each. Lambs must have been owned and cared for by the exhibitor from September 1, 1959. All lambs in the junior classes must be shown between September 1 and 15, and no blocking will be allowed except for squaring the dock and removal of tags.

Junior Barrow Classification for International

Junior barrow classifications for the International Livestock Exposition are as follows: 190 to 210 pounds, 211 to 225 pounds, and 226 to 240 pounds. Junior exhibitors may go home after the barrows are judged and sold on Friday, November 27, if they wish.

4-H Ideas

A 4-H Club in LaSalle County plans an annual overnight camp. All members participate, and arrangements are made to use the facilities of a district 4-H camp.

The Herod Hayshakers 4-H Club of Pope County has completed a fine community service project. The club held a box supper to raise funds for the National Foundation for Infantile Paralysis. With very good community participation, the club members netted \$125. The entire club was responsible for the plans and arrangements.

How to Make a Cattle Back Rubber

The latest report from the Dixon Springs Experiment Station recommends the use of a simple back rubber to control horn flies on cattle.

Back rubbers are one of the easiest pieces of equipment to build. Unlike so much farm equipment, they require practically no maintenance - a length of chain, cable, heavy rope, or three or four strands of barbed wire wound into a loose cable are the foundation of the back rubber. A strand of barbed wire wrapped loosely around the chain, cable, or rope will help to hold the burlap wrapping in place. When the burlap or sacking is tied on, you should have a back rubber 15 to 20 feet long. Locate this equipment near the loafing, watering, and salting place of the cattle. Tie one end to the top of a four-foot post, and anchor the other end near the ground to another post about 15 or 20 feet away. Then all you have to do is soak the burlap at three- or four-week intervals with a 5% solution of methoxychlor, DDT, or toxaphene. To make an oil solution, mix one quart of 25% emulsifiable concentrate with one gallon of fuel oil or diesel fuel.

Coming Events

July 23. Annual Safety Field Day, Exposition
Gardens, Peoria, Illinois, 9:30 a.m. -
3:00 p.m. DST
July 27 - August 1 State Leadership Conference

August 3 - 7 Wildlife Conservation Camp
August 14 - 23 Illinois State Fair
September 28 - October 2 . . . National Recreation Congress -
Morrison Hotel, Chicago - 4-H
leaders are urged to attend.



1. Remind members about achievement requirements.
2. Encourage participation in activities.
3. Send us your 4-H idea to share with others.
4. Plan a family event.

RECREATION SUGGESTIONS

Woodchucking

A bushel basket and a dozen sticks about a foot long are needed. Each "woodchuck," from a distance of about fifteen feet, tries to chuck the sticks into the basket. The one throwing the largest number of sticks into the basket is the winner.

Color Call

Players are seated in a circle around the person who is "It." "It" suddenly turns to someone, calls either "Red," "White," or "Blue," and begins counting to ten. The person addressed is supposed to mention an object of the color mentioned before "It" can count to ten. If that person fails to name an object in time, he becomes "It." The same object cannot be renamed in the game.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
R. O. Lyon	G. W. Stone
F. L. Haegeler	H. J. Wetzel

Extension Specialists
Agricultural 4-H Club Work

July, 1959

Price List of Feeds^{1/}

The prices for many of the feedstuffs 4-H members use in their projects are listed below. This list is meant to be used as the basis of values by all boys obtaining their feed at home. All feed actually purchased should of course be recorded at prices paid.

<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
Corn.	\$ 1.17	per bu.
Corn, ground.	1.24	" "
Oats. . . . .	.59	" "
Oats, ground. . . . .	.66	" "
Barley (feed)	1.05	" "
Barley, ground.	1.12	" "
Sorghum grain	1.90	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.30	" cwt.
Whole milk	2.60	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	20.00	" "
Cowpea hay) Add \$5 per ton	17.00	" "
Soybean hay) for baled hay.	18.00	" "
Alfalfa hay) and straw.	21.00	" "
Timothy hay)	19.00	" "
Corn stover	10.00	" "
Oat straw	12.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

Pasture Rates*

Calves and colts, 6 to 12 months old, 6¢ per head per day
 " " " , 12 to 24 " " 8¢ per head per day
 Cattle, 24 months and older, 13¢ per head per day
 Pigs, 50 to 100 pounds, 1¢ per head per day
 Pigs, 100 to 150 pounds, 1¢ per head per day
 Lambs up to weaning, 1¢ per head per day
 Sheep or lambs after weaning, 2½¢ head per day

*For cattle or calves on full feed, reduce rates by 2/3;
 for limited feed, by 1/3.

AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

UNIVERSITY OF ILLINOIS

SEP 4 1959 August 7, 1959

A New Star Is Added

LIBRARY

A new star has been added to the crown of Illinois 4-H Club work for having reached a record-high enrollment of 71,435 4-H members. There are 30,781 members in agricultural clubs and 40,654 members in home economics clubs. The previous high was in 1958, when over 68,000 members were enrolled.

We have climbed another step toward our goal of 100,000 by 1962. Those leaders and extension advisers who helped to make this year's record are to be congratulated. This year's task is done. Now we must look ahead: 100,000 looks like a tremendous number, but let's look at it from a different light. It will mean an increase of just two new members per club each year in addition to two new 4-H Clubs per county or, to put it another way, an increase of 15 percent per club each year. With the rapid increase in population, our goal of 100,000 should be easily obtained.

Don't overlook the small-town and the city boys and girls. 4-H can do as much for them as for farm boys and girls; and with the increased number of projects suitable to town and city youngsters, they can more easily be included in club work. Remember - you won't be able to do a thing for a youngster unless he is enrolled and participating in a club. Let's also remember that failure on the part of a 4-H member one year should not exclude him from joining a club another year. Successes are many times made up of many small failures. Think back at the many mistakes we adults make, and then encourage those members who failed to complete their projects to enroll again.

Here are a few suggestions to help you reach your goal:

1. Set a club membership goal, and make it higher each year.
(Ask your adviser for 4-H135 - Enrollment Campaign for Local 4-H Club.)
2. Hold year-round meetings.
3. Plan outside "fun" activities.
4. Encourage your members.
5. Ask parents to help, and give them responsibility.
6. Use junior leaders.
7. Encourage attendance at county 4-H meetings.
8. Hold well-planned and well-rounded meetings.

Will you help?

Variety - The Spice of Life

Are your meetings dull, uneventful, lacking in enthusiasm? Do your members come just to fulfill the attendance requirement? Variety to add enthusiasm is the answer to your problem. Why not try a few of these suggestions?

1. Use sources and materials that are unrelated to 4-H projects or activities. Many of your members will be leaving your community and going into other lines of work.
2. Do you always have to have the business meeting first? Merely rearranging the plan of your club meeting would add variety.
3. Have your junior leaders plan a surprise number for each meeting. It might be an outside musical group, a number by parents, a sports event, picnic, etc. But keep it a surprise.
4. We have all kinds of exchanges these days. Why not an exchange between your club and a neighboring club? One club could put on the business meeting; the other club, the entertainment.
5. Use of guest speakers, slides, movies, etc., is fine - once in a while. But let's not overdo them. The usual procedure is to have the officers plan the program. Why not give all of your members an opportunity to express their ideas, and then have your officers or program committee plan the club programs around these ideas. You may be surprised at the "new life" that is injected into your club by using variety.
6. Use discussion topics as suggested in the June 1959 4-H Letter and in the article below on local leaders.

Ideas for Holding Older 4-H Members

1. Give older members a strong voice in planning their programs, but give them adult counsel.
2. Use older members for committee and special-activity chairmanships.
3. Encourage older members to enroll in advanced phases of projects, as they offer more challenge.
4. Consider the Party-a-Month project to help meet their social needs.
5. Encourage older members to attend adult extension meetings.
6. Let the County 4-H Federation play an important part.
7. Schedule special activities for older members--perhaps two or three clubs going together.
8. Arrange exchanges of older members with other counties or states.
9. Make more use of community service activities--such as health, safety, and community improvement.
10. Use the buddy or big brother or sister system involving older and younger members.
11. Make effective use of junior leaders.

Help Your Members Receive Recognition

The members of your club will not get their share of the certificates, medals, bonds, and scholarships in our 4-H awards program unless they turn in complete record books. The 4-H year comes to an official close on August 31. Members

with livestock still on hand should obtain new books immediately and keep continuous records. In addition to keeping accurate records on feed, equipment expenses, etc., it is advisable that each member fill in the following:

1. Health activity section--the physical examination must be made by a doctor, but it may be done any time during the year and does not have to be specifically for 4-H. It could be for high school athletics, etc. Records of shots, vaccinations, etc., should be kept up to date.
2. Evidence of exhibiting should be recorded. This may be done by recording the rating at the 4-H show or by telling of an inspection or club tour.
3. Participation in club, county, district, and state 4-H activities should be recorded in the proper place, as well as the record of offices held and of community service.
4. As a 4-H leader, be sure that you check each book and sign your name on the last page. Also be sure that each member has completed and has checked the achievement requirements on the last page. These five requirements should be the first goal of every 4-H member. It would be advisable to call attention to them at your next meeting.

REMEMBER--the only way a judge can know about these 4-H experiences is to read about them in the record book. Will your members receive their share of awards?

Special Club Awards

Special awards are available to 4-H Clubs that have done good jobs in health and safety. Local leaders must fill out special form No. 2, which is available from your farm adviser. As many as four clubs per county may receive award certificates in each of these activities.

In addition, one agricultural club in each county will receive the Club-of-the-Year award. This award is based on all-round club activities, including membership, number of projects, judging, attendance, completion, etc. A Club-of-the-Year score card may be obtained from your farm adviser. The winning club will have its name engraved on a special plaque.

Discussion Topics

In the June 1959 issue of the 4-H Letter to Local Leaders, we suggested using a discussion session in your club as a change from the usual routine. The first topic suggested was trees. You have a real opportunity to open a vast horizon of wonders to your members. Many of them have been to camp and have studied nature. Why not continue this study with everyday topics with which your members are familiar? A good, lively discussion will slow your members down long enough to make them appreciate the wonders of nature. On the following page are more suggestions obtained from West Virginia, Treasure of the Trail, that may give you some ideas.

1. ROSES. What a wide field of adventure you'd have here. Take the beautiful wild rose to start with. So lovely, so fragrant it is, yet so transient in its blossoming.

Think how many beautiful roses have been developed by man, working endless hours in hybridizing different varieties.

It is your opportunity to learn about many different roses, and to share your learning with boys and girls--to lift their horizons into one of the most fascinating and beautiful fields of endeavor imaginable.

Teach them a bit about tea roses, floribundas, climbers, grandifloras, etc. And then there are famous names among the roses just as there are famous names among trees, books, people, paintings, house furnishings, and so on. Here are just a few:

Peace--the highest rated rose in the world--9.6 out of a possible 10 points.

Crimson Glory--rated 9.1 out of a possible 10 points, and second in popularity to Peace.

Peace overshadows all other roses. Its originator was Francis Meilland, a French rosarian known throughout the world. Other popular roses recently originated by him are Confidence, Miami, Eden Rose, and Cocorico.

Just think how this Frenchman has lifted his horizon, making it encircle the world, and all because of beautiful rose creations.

Other famed roses--Tiffany, New Yorker, Tallyho, Sutter's Gold, Fred Howard, Queen Elizabeth, Fashion, Mrs. Miniver, Mojave, Chrysler Imperial, Mirandy, Helen Traubel, Forty-Niner, California, Rubaiyat, Jimminy Cricket, Ma Perkins, Vogue, President Hoover, White Swan, and many others.

2. IRIS, PEONY, DAHLIA, ETC. The development could be the same with these and other flowers. All have their great breeders. How interesting and horizon-lifting it would be to study the lives of the men and women who have originated certain famed flowers. To do so one would need to go to many countries for his amazing discoveries.
3. SHEEP, CATTLE, HOGS. The animals with which 4-H Club members do their project work could be made the basis for horizon-lifting.

Take the different dairy breeds--Jersey, Guernsey, Holstein, Ayrshire, etc. Someone somewhere started each breed. Many men and women have added to the breed development. A 4-H Club member could spend a lifetime working with any one of these.

So would it be true of any other standard-bred animal--the Southdown sheep, for instance. It didn't just happen. Years and years of improvement were necessary to get our present beautiful Southdown animals. This breed was started among the downs (hills) of England, southern England--hence Southdown.

4. CONSERVATION PROJECTS. Here's another fascinating field for the horizon-lifter.
5. POULTRY.
6. CLOTHING.
7. FOODS.
8. POTATOES, GARDENING.

These and many, many other fields of adventure are at our elbow. All that is needed is to get started. The challenges are on every hand. Let's see what can be done to broaden the thinking of 4-H'ers.

4-H Ideas

Demonstration Contest winners in Clay County receive an all-expense trip to 4-H Camp.

The Union County Federation sponsored a queen contest and raised \$380.00 for their treasury. There were 13 entries.



1. Attend your county finish-up meeting.
2. Check all members' record books.
3. Help your members receive recognition.
4. Encourage members to complete their projects.

RECREATION SUGGESTIONS

A Mixer

Here's an idea for a club achievement program, etc. It will help your members and parents learn more about 4-H and become better acquainted too. The

original idea came from Alameda County, California. As members and parents arrive, give them name cards plus two extra cards. On one extra card, write a question about 4-H, and on the other extra card write an answer to a question. The question and answer should not be matched. Each person must then find the answer to his question.

Later, during a break in the meeting, each person may be asked to stand and read his question and answer. Questions may cover any part of 4-H. You'll be surprised at how much can be learned about 4-H by members and parents alike.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
R. O. Lyon	G. W. Stone
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Extension Specialists
Agricultural 4-H Club Work

August, 1959

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Oats.64	" "
Oats, ground.71	" "
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Barley, ground.	1.12	" "
Sorghum grain	2.00	" cwt.
Garbage and kitchen waste	8.50	" ten
Skim and buttermilk	1.25	" cwt.
Whole milk	2.50	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	21.00	" "
Cowpea hay	Add \$5 per ton for baled hay. and straw.	" "
Soybean hay		
Alfalfa hay		
Timothy hay		
Corn stover	19.00	" "
Oat straw	12.00	" "
	10.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

Pasture Rates*

Calves and colts, 6 to 12 months old, 6¢ per head per day
 " " " , 12 to 24 " " 8¢ per head per day
 Cattle, 24 months and older, 13¢ per head per day
 Pigs, 50 to 100 pounds, 1¢ per head per day
 Pigs, 100 to 150 pounds, 1¢ per head per day
 Lambs up to weaning, 1¢ per head per day
 Sheep or lambs after weaning, 2½¢ head per day

*For cattle or calves on full feed, reduce rates by 2/3;
 for limited feed, by 1/3.

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Cooperative Extension Work in

AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

SEP 21 1959

Achievement - What Does It Mean?

LIBRARY

The 4-H achievement night for your local club or your county means different things to different people. For many, it may mean the distribution of medals and awards--success for some and disappointment for others. To a few leaders, the achievement meeting is the end of being a leader, while to most leaders it is a milestone in helping others.

Here are a few ideas we would like you to think about as you work with your 4-H'ers. We hope they will be challenging to you as you help your 4-H members tell the story of their achievements to parents, friends, and the whole community during this year's achievement program and as you start making plans for the new club year.

Does achievement mean this:

To You? The satisfaction of having provided leadership and inspiration to a group of boys and girls who will be the leaders in our communities tomorrow. Appreciation of the energy of youth and the feeling that you have helped to harness it in a constructive way. The satisfaction of having shared your talents and done your best to help these boys and girls grow up.

To Your 4-H Members? Public recognition that they are important people and that they have attained certain standards of accomplishment--not just a first-place calf or a State Fair dress, but growth in character, knowledge, and experience. Honor for tackling a job and putting forth every effort to do it to the best of their knowledge and ability. Encouragement to continue to make the best better.

To the Parents of Members? Appreciation of the progress their sons and daughters have made in adjusting to the problems of growing up. Realization that their children through the 4-H program have had many rich experiences that have helped to prepare them for adult responsibilities.

To Your Community? Realization that the 4-H program is a positive influence on the youth of the community. Knowledge that these young people are receiving invaluable training for leadership wherever they will live as adults.

To the Nation? Realization that we are a democratic nation where more than 2,250,000 young people can enroll in a program that stresses the development of the boy and girl. Recognition that more than 200,000 adults believe so much in the 4-H program that they give hours of their time to guiding these young people in their projects and activities.

To the World? Recognition of 4-H as a great youth movement. More than 40 countries have adopted programs similar to the 4-H program. In some places progress has been slow because of local conditions, but enthusiasm is keen.

Consider These Ideas for Your Own 4-H Club Achievement Program

1. Invite parents, friends of 4-H, the whole community to your achievement program. Don't forget teachers.
2. Include 4-H entertainment - Share-the-Fun, music activity vocal, instrumental.
3. Have several 4-H members act as hosts and greet guests as they arrive.
4. Plan a pre-meeting activity - get acquainted.
5. Begin the achievement program with the pledge of allegiance and 4-H pledge.
6. Include a summary of club activities by the president, chairman of the program committee, or another 4-H member. Include reports of projects and activities.
7. Have a report by a club member who has had some unusual experience or received some special recognition (camp, trip, judging team, etc.)
8. Plan some demonstration(s) by 4-H members.
9. Give special recognition to parents for their interest and support of the 4-H leader and program.
10. Include a short talk by a parent or another person on what 4-H means to our children and the community.
11. Recognize all 4-H'ers who have received special awards.
12. Thank the community for its support of the 4-H program.
13. Give a "pat on the back" to all who have done good jobs (by the 4-H leader).
14. Explain your plans for the new club year.
15. Hold an induction ceremony for new members.
16. Install the new club officers.
17. Present the awards.

Keeping-Fit Health Activity

Fifty-two counties took part in the keeping-fit activity in 1959. As a climax to this program, each county was permitted to send the two top-scoring members in the county Keeping-Fit Day to the state Keeping-Fit Day held during the Illinois Farm Sports Festival. Dr. D. M. Hall, in charge of the keeping-fit program, reports that 33 counties and 64 individuals took part in the Sports Festival event. In 1958 only 36 contestants from 19 counties took part. Dr. Hall reminds leaders that keeping-fit is not a one-day event. If 4-H members are to accomplish anything in fitness, it will have to be a year-round program. Why not try this activity on a year-round basis? You may be surprised at the enthusiasm of your members. Ask your adviser for "Fitness Can Be Fun," BP-16, and "Tumbling Is Fun," B-392.

UNICEF -- People-to-People in Action

4-H Club members have an opportunity to join hands with youth of the world by taking part in two very worthwhile UNICEF projects this fall: (1) In the trick or treat program, it is expected that more than two million young people will ring

doorbells on Halloween to collect funds to help children in the many underdeveloped areas of the world. 4-H Clubs will take the lead in organizing this important campaign in many communities throughout America. (2) Another way to serve youth is by the purchase and use of UNICEF greeting cards, a happy blending of great art and a great need. Information concerning these cards can be obtained from the U. S. Committee for UNICEF, P. O. Box 22, Church Street Station, New York 8, N. Y.

Invitational Judging Contests

Invitational judging contests for all 4-H members who received "A" ratings and met eligibility requirements in the State 4-H Contest were held at the State Fair in Springfield.

Forty-three contestants took part in the livestock judging. The following 11 members will do further judging work with Don Walker, livestock extension specialist: Tom Bidner, Champaign; Gene Lemon, Woodford; Lynn Laible, Marshall; Allen Leman, Woodford; Charles Bloomberg, Henry; Leo Eaton, Moultrie; Wayne Hoyenga, Stephenson; Ronald Sherrill, Kankakee; Dick Rehen, Henry; Gary Harrison, Menard; and Harold Heck, Mercer.

The top four from this group will be selected to represent Illinois in the National 4-H Judging Contests.

Thirty-three contestants took part in the invitational dairy judging contest. The four high individuals who will represent Illinois in the National Judging Contests are Phyllis Poehls, Boone; Herb Walberg, Boone; Larry Muller, Tazewell; and Ronald Baker, Henry.

Tips for Members With Sheep Projects

Our friends from the Dixon Springs Experiment Station, Robbs, Illinois, have given us some good tips for members with sheep projects.

Shorn Lambs Gain Faster

We can expect the lambs to gain about 15 to 20 percent faster after being shorn. And with this faster gain we can expect a greater saving in feed. But when we market shorn lambs we can expect a little lower price per pound, especially if the feeding period is short. However, if the lambs are fed more than 70 to 80 days, there will be little or no market dock on shorn lambs.

What all of us are interested in is the system that returns the most dollars. Shorn lambs plus the wool, minus shearing costs, will return more dollars per lamb than unshorn lambs. So we would suggest that lambs be shorn, particularly those to be fed during the late summer.

Ration for Lambs

Self-feed a complete pelleted ration. The ration for the first week should be at least 50% hay. Here's one you might use: 50% alfalfa, 45% shelled corn, and 5% soybean oil meal. The ingredients should be ground and mixed before being pelleted. For the rest of the feeding period, from the second week until the lambs are marketed, feed a ration of 45% alfalfa, 50% shelled corn, and 5% soybean oil meal--again as pellets. For best results, don't forget to drench for worms before starting the lambs on feed. It's not very profitable to feed worms; there's no good market for them.

4-H Ideas

4-H Club tours in Clinton County are more than just a viewing of projects. They include demonstrations on fitting and clipping calves, trimming feet, show techniques, blocking sheep, preparing vegetables, fruits, flowers, and handicraft exhibits. Have you tried demonstrations on your tour this year?

Montgomery County 4-H'ers are required to "show" their animals on club tours just as if they were in the show ring. This means that members will have to take some time to work with their animals.



1. Obtain record books for your member who have continuous projects.
2. Help plan your club's achievement program.
3. Encourage members to meet the year round.
4. Suggest that members plan outside "fun" activities.
5. Encourage members to set a club membership goal.
6. Ask parents to help with the club.

Coming Event

September 28 - October 2 -- 41st National Recreation Congress.
Morrison Hotel, Chicago. Theme -
Recreation Is an Expanding Leisure.
There will be sessions for volunteer
leaders. You are invited to attend.

4-H ON THE AIR

Each Saturday at 12:30 p.m. W I L L - 580 on your dial.

Recreation Suggestions

Our suggestions this month come from the National 4-H News and were presented by Bernice Scott, Cornell University, and Richard Tomkinson, Purdue University

Face to Face

Single circle formation with partners facing. One odd player stands in the center of the ring and calls, "Face to Face," "Back to Back." As soon as he wishes, he may call, "All Change," whereupon all players seek new partners, including the center player. The player left without a partner then takes his place in the center and gives the commands. This game can be used with any size of group in formations of two's.

I Went to Paris

The leader says: "I went to Paris and bought a pair of shoes (all shuffle feet), a pair of gloves (open and close right fists), an umbrella (open and close left fists), a hat (nod heads), a pair of glasses (blink eyelids), and a set of false teeth (open and close mouths). Various other objects can be included, such as a rocking chair, fan, and cuckoo clock, adding appropriate motions.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
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September, 1959

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The prices for many of the feedstuffs 4-H members use in their projects are listed below. This list is meant to be used as the basis of values by all boys obtaining their feed at home. All feed actually purchased should of course be recorded at prices paid.

<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
Corn.	\$ 1.18	per bu.
Corn, ground.	1.25	" "
Oats. . . . .	.60	" "
Oats, ground. . . . .	.68	" "
Barley (feed)	1.05	" "
Barley, ground.	1.13	" "
Sorghum grain	2.00	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.50	" cwt.
Whole milk.	3.00	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	20.00	" "
Cowpea hay) Add \$5 per ton	18.00	" "
Soybean hay) for baled hay.	19.00	" "
Alfalfa hay) and straw.	22.00	" "
Timothy hay)	19.00	" "
Corn stover	10.00	" "
Oat straw	12.00	" "

^{1/} Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

Pasture Rates*

Calves and colts, 6 to 12 months old, 6¢ per head per day
 " " " , 12 to 24 " " 8¢ per head per day
 Cattle, 24 months and older, 13¢ per head per day
 Pigs, 50 to 100 pounds, 1¢ per head per day
 Pigs, 100 to 150 pounds, 1¢ per head per day
 Lambs up to weaning, 1¢ per head per day
 Sheep or lambs after weaning, 2½¢ per head per day

*For cattle or calves on full feed, reduce rates by 2/3;
 for limited feed, by 1/3.



Cooperative Extension Work in
AGRICULTURE AND HOME ECONOMICS
URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

October 16, 1959

Do You Have a Year-Round Club?

September is the beginning of a new 4-H Club year. Encourage your members to plan the 4-H program for the coming year and meet all year round. Do not give your members a good excuse to drop out of 4-H work. The most successful clubs in Illinois are those that have continuous programs.

Our 4-H members deserve every opportunity to develop into fine leaders and good citizens. In order to have enough time to carry out the numerous 4-H activities and extra events that help to accomplish these goals, it is best to hold at least twelve meetings a year.

It is much easier to keep members enrolled when they are part of an active, year-round club. Do not lose your "lukewarm" members by stopping your club work in the winter. These members may develop into your best leaders.

To keep accurate records, members need new project record books now. If they do not have new record books to start with when they close the old ones, they are likely to have a break not only in their project records, but also in their activity records.

Include in your winter program such activities as safety, health, demonstrations, and WHY NOT ENJOY MUSIC. Perhaps a joint project with the home economics club would prove valuable. Such projects as handicraft, party-a-month, and photography can be carried together.

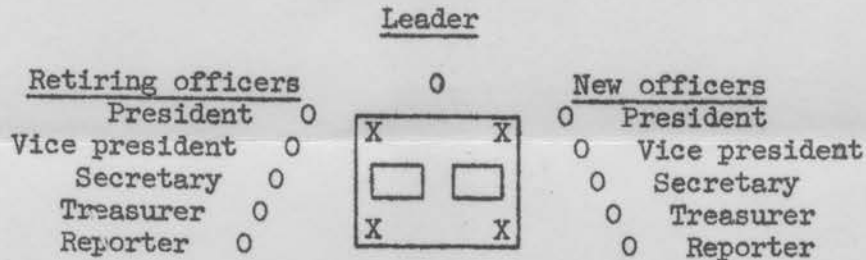
You might also glamorize your program by using ceremonials. Most of your younger members are at the age when they are impressed and inspired by the use of ceremonials. Your yellow LEADER'S GUIDE, 4-H19, has an induction ceremony for new members. Your farm adviser has a citizenship ceremony that might be used for members in their last year of club work, or you could use the 4-H officers' induction ceremony on pages 2 and 3.

Some of you may be thinking that there are just too many school activities during the winter to continue the 4-H program. This may be true, but surely members could save one night a month for a 4-H meeting. Often school superintendents are willing to cooperate with county advisers or club leaders in setting aside a night a month for 4-H meetings.

4-H CLUB OFFICERS' INSTALLATION CEREMONY

The officers stand as shown in the diagram. The X's in the large square represent unlighted candles on a table. The small squares represent the American flag and the 4-H Club flag. Retiring officers will need to learn their parts beforehand or be able to read them easily from small cards.

The retiring officers, beginning with the president, cross the room to the new officers, make short talks (see below), and present them with the various official records of the club. The new officers take their places behind the table. The retiring officers leave the platform.



Retiring president: As presiding officer of the _____ 4-H Club, great responsibility will be yours. You will preside at all meetings and will be ever ready to render service in the best interests of the whole club. You must protect its good name, strive always to further its ideals and purposes, and see that the people of the community are acquainted with the work being done and the services being rendered. This gavel is given to you as the property of _____ Club to help you in performing your duties.

Retiring vice president: As vice president, you will become familiar with the duties of the presidential office and will be ready to act at any time in the absence of the president. You will strive in every way to aid in upholding the dignity of your 4-H Club and in providing for its usefulness to all 4-H members and to the community as a whole.

Retiring secretary: As secretary, you will keep the membership roll and a complete and accurate record of what takes place at each meeting. You will make reports and write official letters. You will keep such important information and papers as the club may direct. In your hands and keeping will now be placed the secretary's book for the _____ Club.

Retiring treasurer: As treasurer, you will be entrusted with the money for the _____ Club and will keep an accurate record of all receipts and expenditures. You will be expected to furnish detailed and complete information concerning the finances of your club whenever it is needed. This is the treasurer's book (or report) for the _____ Club, to help you in recording the financial business of your club.

Retiring reporter: As reporter, you will be responsible for passing on, to the newspapers and to radio and television stations in our community and county, accurate and interesting accounts of all work accomplished by the _____ Club and also of all 4-H events held. You will also be responsible for passing on other useful information pertaining to the 4-H program to all those in our community who are interested in the further development of our club. This is an important responsibility because the people of our community and county should be familiar at all times with the 4-H work that is being done and with the 4-H services that are being rendered in our homes, on our farms, and in our communities.

Local leader: As club officers, you have been chosen to guide and direct the _____ 4-H Club. I know that you will live up to the trust that has been placed in you. You will be largely responsible for the club spirit of your organization, for its progress, and for faithfulness to the principles and ideals of 4-H Club work. It will be your responsibility to help the members of your club in every possible way to prepare themselves as worthy citizens--physically, mentally, and spiritually--through 4-H Club programs whereby they will be--

1. Developing talents for greater usefulness.
2. Joining with friends for work, fun, and fellowship.
3. Learning to live in a changing world.
4. Choosing a way to earn a living.
5. Producing food and fiber for home and market.
6. Creating better homes for better living.
7. Conserving nature's resources for security and happiness.
8. Building health for a strong America.
9. Sharing responsibilities for community improvement.
10. Serving as citizens in maintaining world peace.

You will now all stand and repeat the 4-H Club pledge. I will light the candle representing the club spirit (lights the candle). From this candle our newly elected officers will light the candles representing Head, Heart, Hands, and Health.

"I pledge my Head to clearer thinking (leader hands lighted candle representing club spirit to president, who uses it to light the candle nearest him), my Heart to greater loyalty (vice president lights second candle with leader's lighted one), my Hands to larger service (secretary lights third candle), and my Health to better living (treasurer lights fourth candle), for my club, my community, and my country."

Let us now close this impressive ceremony by singing our 4-H Song.

Junior Department Changes at 1960 State Fair

1. No Red Polled classes will be included in the Junior Department at the 1960 State Fair.
2. Livestock entries for the 1960 State Fair Junior Department will close August 1.
3. No animals will be penned or stalled before 8 a.m. on Thursday, August 11.
4. All beef must be in place by 8 a.m. Friday, August 12.
5. All swine must be in place by 8 a.m. Saturday, August 13.
6. All dairy and sheep must be in place by 8 a.m. Sunday, August 14.
7. Junior Department exhibitors must register into the dormitory on or before the day the animals they are exhibiting are required to be in place.
8. All lambs must be lambled as the property of the exhibitor after September 1, 1959.
9. Girls will be eligible to enter the sheep-blocking contest.
10. Single barrows shown in the Junior Department must weigh at least 170 pounds.
11. A pair of barrows will be shown in place of a pen.
12. All beef steers should be tested for tuberculosis and brucellosis. Otherwise they will be tied in isolation.
13. All animals housed in the Junior Livestock Building may be taken to the open-class barns for exhibit only. No Junior Department animals may be left in the open-class show barns overnight.

Latest Starting Dates

You can avoid disappointment among your younger members by making sure they know what the latest starting dates are for their favorite projects. These dates are published in the 4-H MEMBER'S HANDBOOK and in the LEADER'S HANDBOOK. Both are available from your extension adviser. Each member is expected to send an enrollment card to the county extension office before he is officially enrolled. Avoid disappointment; encourage your members to enroll now.

Handicraft Materials Available

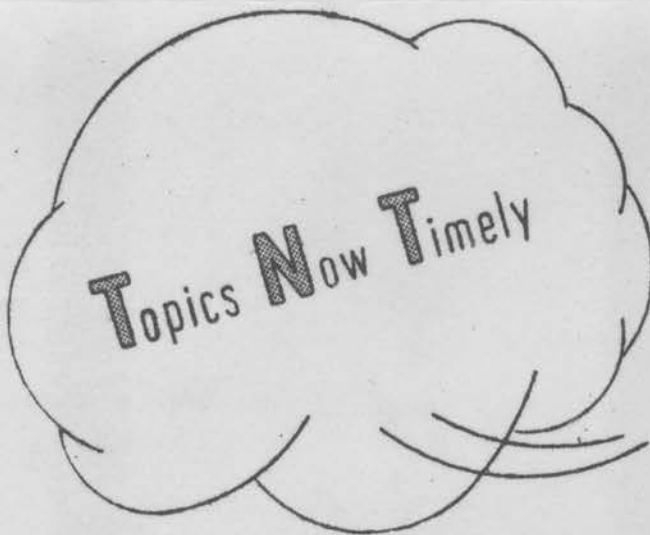
While cleaning out the storeroom in the state office, we uncovered some pamphlets on handicraft. Because these materials are not doing any good on our shelves, we will give one copy of any of them to any club leader who asks for it. There are only a limited number--so first come, first served. The pamphlets include MARIONETTES, BLOCK PRINTING, WOODCRAFT, POTTERY, SOAP SCULPTURING, STENCILING, PAINTING, HUCK WEAVING, and PAPER CRAFT. Write to 414 Mumford Hall, Urbana, Illinois.

Like to Sing?

While cleaning the storeroom, we also found some old but usable National 4-H Song Books. We will give them to any club leader who writes us. There is one catch--we want you to tell us how you use music in your club. Please do not ask for more than you can use. First come, first served. Write to 414 Mumford Hall, University of Illinois, Urbana, Illinois.

4-H Ideas

Shelby county had a very successful pen of three beef market animals class at their 4-H fair. This class involved feeding three or more steers, which were officially weighed in November 1958. The pens were rated 50 percent on judge's grade, 25 percent on cost of gain, and 25 percent on rate of gain. It was quite noticeable that experienced feeders were more interested in this exhibit than in others at the fair.



1. Encourage members to re-enroll now.
2. Make plans for meeting the year round.
3. Plan a different achievement program.
4. Give your members a pat on the back when they do good work.

Recreation Suggestions

Stick Delivery

Divide players into lines of five each. About ten feet in front of the first player, place five sticks. Each player must "donkey" down to the sticks and bring one back. He then takes his place at the end of the line. (To "donkey" properly, the player starts with both feet together, thumbs in ears and hands up, donkey fashion. At the first jump forward, he keeps his feet together and flops ears forward; at the next jump, his feet are apart and his ears flop back up.

--From Kit 32

Forty Ways of Getting There

Players stand in a group 10 to 30 feet from their goal, and the leader numbers them. He announces that there are 40 ways of reaching the goal and that

each player must find a different way to get there when his number is called. They may walk, crawl, waltz, walk backwards, walk as if crippled, hop on one foot, etc. No two players are allowed to use the same method. The quicker the players go and the next player is called upon, the more fun it is. A player is penalized if he is not ready to start when the one just preceding him reaches the goal.

--From Recreational Activities
for 4-H Clubs

Nursery Rhyme Charades

Divide into convenient groups and prepare a dramatization or pantomime of some nursery rhyme. Assemble after 10 minutes and call up the groups in rotation.

Jack Sprat, Little Jack Horner, Miss Muffet, Simple Simon, Mary's Little Lamb, and Jack and Jill are quickly prepared. Others might include:

Ding Dong Bell	Three Blind Mice
Hickory Dickory Dock	Hey Diddle Diddle
Old King Cole	Little Boy Blue
Polly Put the Kettle On	Jack Be Nimble
Humpty Dumpty	Ride a Cock Horse
Little Bo-Peep	Three Little Kittens
Tom the Piper's Son	Pussy Cat, Where Have you Been

--From The Red Book of
Social Recreation

Novelty Relays

1. Walking with heel to toe and back.
2. Boys hopping on one foot, girls skipping on both.
3. Boys backward, girls forward.
4. Two together arm in arm, boys backward and girls forward.
5. Four together arm in arm, two backward, two forward.
6. Four persons, go as you please.
7. Eskimo hop. Arms folded, short hops.
8. Kangaroo hop. Arms folded, long hops.

Letter Lanes (for small groups)

Equipment: Give each player a pencil and paper. Draw five lines across and five lines down to make 16 squares.

Game: Each player takes a turn in calling a letter of the alphabet. Each member of the group must write this letter in one of his squares. The next player then calls any letter he likes, and all write it in a square. This continues until 16 letters are called.

Score: Each scores his own paper and counts a point for each four-letter word formed vertically, horizontally, or diagonally.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
R. O. Lyon	G. W. Stone
F. L. Haegle	H. J. Wetzel

Extension Specialists
Agricultural 4-H Club Work

October, 1959

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COLLEGE OF AGRICULTURE · UNIVERSITY OF ILLINOIS

United States Department of Agriculture

Cooperative Extension Work in

AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS

4-H Letter for Local Leaders from State 4-H Staff:

November 10, 1959

UNIVERSITY OF ILLINOIS

NOV 30 1959

4-H Judging Team Wins at American Royal

Congratulations to the Illinois 4-H Livestock Judging Team, which recently won the American Royal 4-H Livestock Judging Contest at Kansas City. Fourteen teams from Georgia to South Dakota and from Michigan to Texas participated in the contest. The contestants judged three classes of beef cattle, three of hogs, and two of sheep. Then they gave six sets of oral reasons, two on each species.

The Illinois team also won beef cattle and sheep judging, had the high man in beef cattle judging, and won first, fourth, and eighth places in the overall individual ratings. The team alternate would have placed ninth, but only the top three individual scores are used. The Illinois team members and their rankings are shown below:

Tom Bidner, Champaign County, 1st overall, 3rd in beef cattle
 Allen Leman, Woodford County, 4th overall, 6th in beef cattle
 Lynn Laible, Marshall County, 8th overall, 1st in beef cattle
 Gene Leman, Woodford County, 9th overall (alternate)

These Illinois team members were the four high individuals in the state contests and workouts. Since Illinois started selecting their teams on a high-individual basis, they have never placed lower than third in the American Royal Contest.

The next task for the team members is participating in the National 4-H Judging Contest during the International Livestock Exposition in Chicago November 23 to December 5.

What Is a 4-H Leader

Mrs. Molly Brooks, 4-H Leader, California

4-H leaders are adults with addled minds and a soft spot in their hearts for kids--all kinds of kids: their own kids, other people's kids, tall kids, short kids, thin kids, not-so-thin kids, regular kids, square kids, responsive kids, and ungrateful kids, from ten-agers to teenagers. At their own time and expense, and neglecting their own personal interests, they serve without pay and often without parent cooperation, knowing that they are necessities that the Agricultural Extension Service and the 4-H membership could not do without. Seldom are there enough of them and that is the reason they become leaders--so their own offspring can join the 4-H organization.

Leaders are usually to be found in the midst of a more or less attentive group of kids, numbering anywhere from 3 to 15, teaching projects such as cooking, dressmaking, electricity, gardening, chicken raising, horsemanship, canning, tractor operation, home improvement, forestry, camping, etc. They generously and regularly open their homes to scuffling feet, vocal enthusiasm, extemporaneous wrestling matches, and unauthorized pillow fights. And somehow, in spite of alien influence, skills and knowledge are miraculously transferred from leader to child in varying degrees.

A leader explains to, shows how, does for, phones up, pleads with, bosses around, and reminds for the tenth time; and when the result is negative, he patiently swallows an urge to throttle good and once again explains to, shows how, does for, phones up, pleads with, bosses around, and reminds for the tenth time.

A 4-H leader is either the most naive person in the world or the most stout-hearted. A female leader who is afraid of bugs will accept a project group in entomology. A male leader whose specialty is sales promotion will tackle animal husbandry for the sake of 4-H members who want to raise sheep. And if a group of 4-H youths ever venture a trip to the moon, it is certain that their leader, however reluctant and earth loving, not only will accompany them to their destination, but will pioneer better and speedier methods to arrive safely.

No one gets madder, tired, is more often offended, forgives more quickly, shows better sportsmanship, or is a bigger pushover to a request for community service than a 4-H leader. He is Determination with its fingers crossed, Patience with a twinkle in its eye, Ambition drawing tomorrow's blueprints, and Zeal that observes no curfew.

A leader is usually going to, coming from, or planning for a 4-H event. When he is not hauling kids in cars; supervising assorted sales; arranging tours; sponsoring skating parties, show trips, or conventions; coaching demonstrations; conducting dress revues, horse shows, or talent nights--he is attending night meetings and emergency meetings. In his spare time he collects record books, cleans up the club meeting place, judges at fairs and field days, and reads extension literature.

4-H leaders are sometimes happy, but often are frustrated, discouraged, disgusted, and vow that they will quit 4-H forever with as little violence as possible. That is--until their charges suddenly blossom forth with blue ribbons, gold medals, exemplary conduct, unsuspected poise, inner glow, and unmistakable admiration for their leader shining in their eyes.

That is when the soft spot in every leader's heart grows softer, and the new 4-H year finds him in the midst of his more or less attentive group explaining to, showing how, doing for, phoning up, pleading with, bossing around, reminding again--except for one difference: three more members have been added.

Use Your Older Outstanding Members

Often 4-H members receive awards for outstanding achievements, and that is the end of it. If these members have outstanding records and accomplishments, why not let them tell other members about them? They can help you stress the importance of writing down activities as they happen; keeping accurate feed records;

participating in safety, health, demonstrations, and judging; finishing up ending inventories, etc. Perhaps these members would make good speakers for an achievement program or radio program. They could be a big help in putting ideas across. Why not give them a chance?

Handicraft Pamphlets

A number of handicraft pamphlets are still available on a first come, first served basis. Many copies have been sent out since last month's newsletter was mailed. We hope these pamphlets will be of help to your members. Those we have left include: Pan Pipes, Marionettes, Pottery, Huck Weaving, Stenciling, Block Printing, Painting, Woodcraft, and Paper Craft. Write to 4-H Office, 414 Mumford Hall, Urbana, Illinois.

4-H Ideas

Mrs. Roy Wishop, leader of the Rock-Owen 4-H Club in Winnebago County has written to us about her club's music activities. Mrs. Wishop says that music is always one of their activities. Last year they used the anniversary of Stephen Foster's death as a theme. The story of his life was told, and many of his songs were sung. As charades, the titles or themes of his songs were acted out by groups, the others guessing the songs.

At another meeting, places were featured in a music contest, using the theme of T.V.'s "Name That Tune."

For their Share-the-Fun number, the leader wrote five original verses to "Around the World," using the theme of carrying 4-H friendship and peace to other countries. Twelve different countries were featured with native costumes and music. A dance typical of each country was done as each group went "Around the World" (a large background map of the world with clovers on the countries where 4-H work is done). Mrs. Wishop says she would be willing to share this original number with other clubs if any leader is interested.

Special Help for Members Enrolled in the Entomology Project

Do you have club members enrolled in entomology? If you do, order a copy of HANDBOOK OF THE INSECT WORLD for each of them. This booklet will be a big help to the members in identifying insects. It is particularly good for first-year members enrolled in the entomology project. You can order the number you need for your members from Stevenson Moore III, Extension Entomologist, 280 Natural Resources Building, Urbana, Illinois.

National Western Stock Show

Illinois has a quota of eight exhibitors for the National Western Stock Show in Denver, Colorado, January 15-23, 1960. Because approval from the State 4-H Office is not needed to enter this show, there is no way of knowing how many Illinois exhibitors there will be. Therefore, the show management has agreed to record the date of receipts of all entries from Illinois. The first eight entries received from Illinois that meet the eligibility requirements will be notified.



1. Use your older members.
2. Plan a winter 4-H program.
3. Include music in your meeting.

Cattle Wintering Rations

G. R. Carlisle, animal science extension specialist, suggests the rations below for wintering cattle. This information will be of interest to your members carrying beef projects.

1. Corn silage for steer calves. (These calves should gain about $1\frac{1}{2}$ pounds per head daily.)

Protein and mineral are the two main deficiencies in corn silage. Although the kind of protein is not too important, the amount is. Calves on a full feed of corn silage need the protein contained in $1\frac{1}{4}$ to $1\frac{1}{2}$ pounds of cottonseed or soybean meal fed daily. Or you can feed 2 pounds of a 32 percent supplement daily.

Add a mineral mixture to the top of the silage every day. Use about $1/10$ pound for each calf. Commercially prepared protein supplements, however, usually contain enough mineral to meet the calves' requirements.

Feeding trials have indicated that calves do not need dry feed with this ration. But calves at the University of Illinois gained slightly faster when they received 2 pounds of hay daily.

If 2 pounds of legume hay is fed, use $\frac{1}{2}$ pound less protein supplement.

Gains on this ration will cost about 12 to 14 cents a pound. The exact amount will depend on how well the calves gain and how much the supplement costs.

To get faster gains than $1\frac{1}{2}$ pounds daily, add corn to the ration. Do not add more supplement. More supplement will increase cost of gains. And corn will increase gains just as well as more supplement will.

2. Sorghum silage for steer calves. Use the same amount of supplement and minerals recommended for corn silage. But give each calf an additional 2 pounds of grain daily. Then the gains will equal those made on corn silage.

3. Rations containing a full feed of legume hay or legume silage.

Calves gaining about $1\frac{1}{2}$ pounds daily get adequate protein from legume roughage. But they will need more energy.

Corn is the cheapest source of needed energy. Feed 4 pounds of shelled corn or 5 pounds of ground ear corn per head daily, plus all the silage the animals will eat.

Calves on this ration probably won't need minerals. But it's a good idea to offer a mineral mixture free choice.

Oat or other cereal grain silages present a combination of problems. It's necessary to feed the same amount of protein used with corn silage and the same amount of grain fed with legume silage.

Oat silage is also low in vitamin A content, so give the calves about 2 pounds of good legume hay each day. Or make sure that the protein supplement that is fed contains extra vitamin A.

U. of I. research has shown that calves respond to hormone feeding during winter while they are on roughage as well as on fattening rations. Steer calves especially should be implanted at the beginning of the winter feeding period. Or feed a supplement containing stilbestrol.

Do not use more than 24-milligram stilbestrol implants. Implants of this size increase daily winter gains by $\frac{1}{3}$ to $\frac{1}{2}$ pound.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
R. O. Lyon	G. W. Stone
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Extension Specialists
Agricultural 4-H Club Work

November, 1959

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Oats, ground.80	" "
Barley (feed)	1.05	" "
Barley, ground.	1.15	" "
Sorghum grain	1.50	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.50	" cwt.
Whole milk.	3.00	" "
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1/ Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

2/ High-moisture corn to be discounted at the rate of 1¢ for each $\frac{1}{2}\%$ moisture above 15.5%.

Pasture Rates*

Calves and colts, 6 to 12 months old, 6¢ per head per day
 " " " , 12 to 24 " " 8¢ per head per day
 Cattle, 24 months and older, 13¢ per head per day
 Pigs, 50 to 100 pounds, $\frac{1}{4}$ ¢ per head per day
 Pigs, 100 to 150 pounds, 1¢ per head per day
 Lambs up to weaning, 1¢ per head per day
 Sheep or lambs after weaning, 2 $\frac{1}{2}$ ¢ per head per day

*For cattle or calves on full feed, reduce rates by $\frac{2}{3}$;
 for limited feed, by $\frac{1}{3}$.

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United States Department of Agriculture

Cooperative Extension Work in

AGRICULTURE AND HOME ECONOMICS

URBANA, ILLINOIS

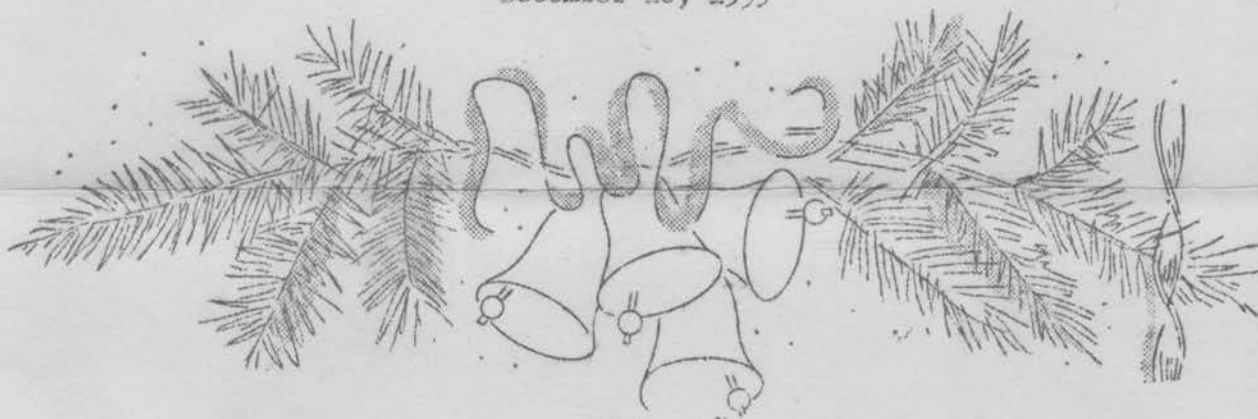
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4-H Letter for Local Leaders from State 4-H Staff:

December 10, 1959



George L. Daigh, Jr.

G. W. Stone

Hubert J. Wetzel

FROM THE SIX OF US TO ALL OF YOU

Frank H. Mynard

Fred L. Haegeler

Richard C. Lyon

BEST WISHES FOR A HAPPY HOLIDAY SEASON,

A PROSPEROUS NEW YEAR,

AND YOUR CONTINUED SUCCESS IN 4-H CLUB WORK

What Is Your Club Doing This Christmas?

Christmas means more when you are on the giving end. It is with this thought that we suggest that your club may want to do something special for people in your community at Christmas. If you have a copy of the November 1959 National 4-H News (your county 4-H office has if you do not), see page 13 for some excellent ideas used by other clubs. Every community has people who need your help, interest, and friendship.

Useful items for the needy, food, and Christmas trees and decorations are the most common gifts. Visiting "shut-ins" to cheer them up, reading to them, or singing Christmas carols does not cost money but often is more valuable than gifts. Have your president, a junior leader, or some member present these ideas for club action at your December meeting. This can be a wonderful activity for your club and a real service to your community.

In recent weeks we have received a number of reports on Christmas gift exchanges among 4-H members. We would like to raise this question: Is such an exchange really worth while, or would your club members get more satisfaction from combining their collections and using the money to bring happiness to several needy families in your community? Too often our boys and girls look upon Christmas as a time for getting rather than giving. How much more could the fifty cents to a dollar per club member do if it were all pooled together! Perhaps there is a family right in your own club who need to have their faith in mankind restored. Your club members could help to do this. Let us put Christ back into Christmas and help our 4-H members obtain that inner glow that comes from making others happy.

Two good examples of this idea were reported in the November 1959 issue of the NATIONAL 4-H NEWS:

1. Two clubs, greatly separated in distance, but close together in thought, passed up their usual gift exchange between members to use the money for community service. The Clay Busy Bees 4-H Club in Grundy County, Iowa, made gifts for the county school for mentally retarded children. Aprons, tea towels, and place mats the children could wash and iron themselves made the youngsters happy.
2. In Hopkins County, Texas, 4-H'ers have for the past two years collected the money they would have spent on Christmas gifts for each other and given it to the Sulphur Springs Kiwanis Club for use in buying food and toys for needy families in the county.

International Exposition News

The Illinois 4-H livestock judging team ranked fourth among 29 teams entered in the National 4-H Livestock Judging Contest. In the 4-H Dairy Judging Contest, the Illinois team ranked seventh. Even though these teams did not place first, we know that the members and coaches worked hard and did their best. It has been a valuable experience for them. The livestock team was coached by Don Walker, livestock extension specialist, and the dairy team by J. G. Cash, dairy extension specialist.

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Gerald Anderson, 4-H member from Leland, Illinois, raised and exhibited the Grand Champion barrow for the third straight year. This should be a record for the International Exposition.

A few of the other Illinois 4-H members who ranked high in the Junior Show include Leslie Reel, McLean County, second with summer yearling and junior yearling Angus and Reserve Champion Angus of the Junior Show; Don Golden, McLean County, second with Angus senior calf; Don Cagwin, Will County, third with Angus senior calf; Karen Wilcoxon, Fulton County, fourth with Hereford senior calf; Larry Reap, Ogle County, fourth with Shorthorn senior calf; Philip Schleeter, McLean County, third with Angus summer yearling; David Cox, Stark County, third with Angus junior yearling; Gary Kaney, Carroll County, fourth with Angus junior yearling; and Bill Wilson, Champaign County, second with Shorthorn junior yearling.

* * * * *

The McLean County, Illinois, group of three steers was awarded first place in the state competition among six competing Illinois counties and went on to win over-all champion county honors in the Junior Show. Other competing Illinois counties included Iroquois, Coles, McDonough, Warren, and Kane.

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In the state group-of-ten-animals class, Illinois steers won first.

National 4-H Club Congress

Sixteen Illinois agricultural 4-H boys had the time of their lives at the Thirty-Eighth National 4-H Club Congress in Chicago last week. We know that these members worked hard for this honor, but we also know that there are leaders and parents at home who deserve a great deal of credit for the members' reaching their goal. To the leaders of the group listed below, we say congratulations and thanks. You can be mighty proud of these 4-H members.

<u>Name</u>	<u>County</u>	<u>School or Job</u>	<u>Awards Program</u>
Richard Beyer	Jo Daviess	Farming	Swine
Albert Dorn	McHenry	N. Illinois University	Safety
Robert Fay	DeKalb	University of Illinois	Entomology
Charles Frazee	Sangamon	W. Illinois University	Soil & Water Conservation
Wayne Gallup	Marshall- Putnam	Farming	Crops
Jesse Heischmidt	Fayette	University of Illinois	Achievement
Howard Herrmann	Peoria	Farming	Electric
Jerry Lee Hoffmann	McLean	University of Illinois	Boys' Agriculture
Gene Klett	Will	Joliet Junior College	Tractor
John Lebeck	Montgomery	University of Illinois	Home Grounds Beautification
Ralph McTall	Washington	S. Illinois University	Achievement
Leland Mathias	Shelby	W. Illinois University	Achievement
Kenneth Mohr	Perry	Farming	Beef
Charles Nott	Fulton	Farming	Garden
Daniel Vogler	McDonough	W. Illinois University	Dairy
Thomas Young	Champaign	University of Illinois	Achievement

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Other State Trips

In addition to the Club Congress delegation, Illinois was represented by 4-H members on other special educational trips. These included:

Electric trip to Chicago, sponsored by the Illinois Farm Electrification Council.

<u>Name</u>	<u>County</u>	<u>Name</u>	<u>County</u>
Allan Evans	Ford	Edward Hoben	Knox
Edward Florreich	St. Clair	Lester Holland	Pul.-Alex.
Ronald Gehrig	Mar.-Put.	Kenny McMillan	McDonough
Keith Gingrich	Stephenson	William Schwartz	Cook
Galen Haegle	Wayne	Joe Bliss	Crawford

4-H Safety Congress, sponsored by the Country Mutual Insurance Company.

<u>Name</u>	<u>County</u>	<u>Name</u>	<u>County</u>
Tom Handlin	Greene	Christian Scherer	Richland
George James	Jackson	Ronald Stickler	Edgar
Paul Krum	Carroll		

National 4-H Dairy Conference, sponsored by the Illinois 4-H Foundation, Pure Milk Association, Illinois Holstein Association, and Northern and Southern Illinois Breeding Co-ops.

<u>Name</u>	<u>County</u>	<u>Name</u>	<u>County</u>
Terry Ellis	Champaign	Richard Stone	Macon
Donald Pritchard	DeKalb	Karl Pfeiffer	Mason
Delbert Dahl	Hancock	Lee Oltmanns	Montgomery
Billy Hatfield	Jo Daviess	Jack Stevens	Peoria
David Schingoethe	Kane	James M. Richter	St. Clair
Ronald Boldt	LaSalle	Gerald Schoonhoven	Stephenson
Ray Ropp	McLean	Ralph Walters	Warren

Livestock Production Records

All livestock production projects should be kept in the livestock and dairy production record. This includes the offspring, whether they are breeding or market stock. A boy does not have to keep two separate records on the same project.

District Local Leaders' Meetings

The general theme for the 1960 district local leaders' meetings will be SHARE-THE-FUN TIPS. Many leaders have asked for help in presenting Share-the-Fun acts. Here is your chance to receive this help. The programs will be presented by E. H. Regnier and Miss Ruth Dickens, extension recreation specialists. The state 4-H Club specialists will review the Share-the-Fun activity. The meetings will begin at 9:30 a.m. and adjourn at 3:00 p.m. 4-H Club leaders will be honored with a luncheon at each of the meetings.

<u>January</u>	18	Hillsboro	10	Galesburg
	19	Pere Marquette State Park	11	Peoria
	20	Robinson	15	Elgin
	21	Mattoon	16	Kankakee
25 or	29	Fairfield	17	Rockford
	26	Harrisburg	18	Moline
	27	Anna	22	Danville
	28	Nashville	23	Decatur
<u>February</u>	8	Pittsfield	24	Bloomington
	9	Rushville	25	Ottawa

Contact your county adviser for further information.

4-H Recognition

A fine preface to the Shelby County Achievement Night program was written by the advisers of that county. It was so good that we are printing it below in its entirety. It contains food for thought. Perhaps you would like to read it to your members:

"The 4-H year draws to a close with this Recognition Meeting. It is the harvest--the time when we publicly evaluate progress. Rewards have meaning only to those who deserve them. They are given to those whom the judges feel, from the records, have done 'just a little more.' No one but you can tell how much you have benefited from your 4-H experience. Pies, cakes, dresses, cows, and pigs are only tools. They are much like the books, pencils, and papers used in school. These things are important only as they help young men and women become better suited for life. As the 4-H year closes and the awards are given, let us promise to be even better, honest, responsible young Americans in 1960."

4-H Ideas

From Montgomery County comes an excellent example of community service by a 4-H Club:

One of the 4-H Clubs in the county was responsible for a local PTA program in October. Extension personnel were also invited to participate.

Safety and wildlife conservation were emphasized in the program. Since this is corn harvest season, the 4-H members put on a good safety demonstration in connection with farm machinery.

Wildlife conservation is one topic that many people are interested in but do not know a whole lot about. The role that birds and animals play in nature and the benefits derived by the farmer were emphasized.

Also, since the deer season in Illinois opened on October 30, Illinois hunting laws were discussed. This discussion was of particular interest to the men and boys. Dates of the pheasant and quail season were mentioned. A safety demonstration on how to handle guns was presented for the benefit of old and young.

From Bond County comes an idea for an award for a long-time leader:

"This Is Your Life - Clarence H. Hall," and with those words the good people of Bond County honored a man who has served his friends and neighbors for 25 years as a volunteer 4-H Club leader.

The award presentation, modeled after the well-known TV program, was part of the county 4-H Achievement Night program.

Correction

In last month's issue of this publication, an article appeared under the heading "4-H Ideas" that told how Mrs. Roy Wishop's club in Winnebago County used music in their program. We said you could write her for information but failed to include her address. Here it is: Mrs. Roy Wishop, R. 6, Box 298, Rockford, Illinois.



1. Attend the district local leaders' conferences.
2. Check the project starting dates with your members.
3. Plan a Christmas community service activity.

Coming Events

December 12 - Illinois Purebred Sheep Breeders' Association bred ewe sale - University of Illinois Stock Pavilion. Sale begins at 1:00 p.m.

March 5 - 7 - National 4-H Club Week.

Sincerely yours,

G. L. Daigh, Jr.	F. H. Mynard
R. O. Lyon	G. W. Stone
F. L. Haegle	H. J. Wetzell

Extension Specialists
Agricultural 4-H Club Work

December, 1959

Price List of Feeds^{1/}

The prices for many of the feedstuffs 4-H members use in their projects are listed below. This list is meant to be used as the basis of values by all boys obtaining their feed at home. All feed actually purchased should of course be recorded at prices paid.

<u>Kind of Feed</u>	<u>Cost per bu., cwt., or ton in dollars</u>	
Corn ^{2/}	\$ 1.00	per bu.
Corn, ground.	1.10	" "
Oats. . . . .	.72	" "
Oats, ground. . . . .	.82	" "
Barley (feed)	1.05	" "
Barley, ground.	1.15	" "
Sorghum grain	1.50	" cwt.
Garbage and kitchen waste	8.50	" ton
Skim and buttermilk	1.50	" cwt.
Whole milk.	3.00	" "
Corn silage and sorghum silage.	8.00-10.00	" ton
Grass silage.		
No preservative added	6.00-8.00	" "
Preserved with 70-100 lb. molasses.	7.00-9.00	" "
Preserved with 150-200 lb. ground corn.	11.00-13.00	" "
Clover and mixed hay)	20.00	" "
Cowpea hay) Add \$5 per ton	18.00	" "
Soybean hay) for baled hay.	19.00	" "
Alfalfa hay) and straw.	21.00	" "
Timothy hay)	20.00	" "
Corn stover	11.00	" "
Oat straw	12.00	" "

1/ Prepared by Nelson Gay, Department of Animal Science, University of Illinois, Urbana, Illinois.

2/ High-moisture corn to be discounted at the rate of 1¢ for each $\frac{1}{2}\%$ moisture above 15.5%.

Pasture Rates*

Calves and colts, 6 to 12 months old, 6¢ per head per day
 " " " , 12 to 24 " " 8¢ per head per day
 Cattle, 24 months and older, 13¢ per head per day
 Pigs, 50 to 100 pounds, $\frac{1}{4}$ ¢ per head per day
 Pigs, 100 to 150 pounds, 1¢ per head per day
 Lambs up to weaning, 1¢ per head per day
 Sheep or lambs after weaning, $2\frac{1}{2}$ ¢ per head per day

*For cattle or calves on full feed, reduce rates by $\frac{2}{3}$;
 for limited feed, by $\frac{1}{3}$.